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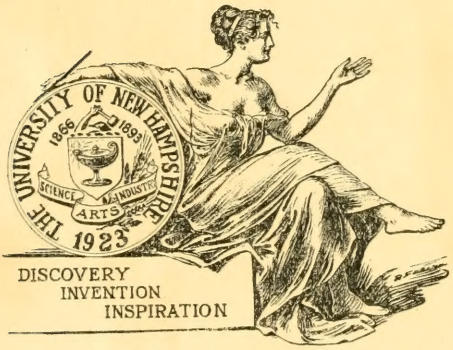

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INSPECTION OF COMMERCIAL FEEDING-STUFFS

Made for the
STATE DEPARTMENT OF AGRICULTURE.

The inspection of commercial feeding-stuffs reported in this bulletin was made under the direction of the Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 350 brands of feeding-stuffs which were offered for sale in the state between December 1925 and May 1296.

THE FEEDING-STUFFS LAW.

The first feeding stuffs law was enacted by Connecticut in 1895. The New Hampshire law entitled An Act to Regulate the Sale of Concentrated Commercial Feeding-Stuffs was passed in 1901 and amended in 1911 and in 1915. At the present time almost all states have regulated commerce in feeding-stuffs. In addition to the state regulations the Federal Food and Drugs Act of 1906 is applicable to interstate shipments of feeding-stuffs. The state and federal authorities in charge of enforcing feeding-stuffs laws have formed an association known as the Association of Feed Control Officials in the United States, which has served to bring about more uniformity in matters pertaining to the sale of feeding-stuffs. The feeding-stuffs laws are adequate. They do not always afford the consumer as much protection as they should because some of the manufacturers and dealers and many of the consumers themselves fail to coöperate in their enforcement.

Under the provisions of the New Hampshire feeding-stuffs law every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding-stuff shall furnish with each package a clearly printed statement certifying the number of net pounds in the package, the brand name under which the feed is sold, the name and address of the manufacturer and a chemical

analysis stating the minimum percentages only of protein, fat and carbohydrates and the maximum percentage only of crude fiber. He shall also plainly state the several ingredients of which the feed is composed.

PURPOSES OF THE LAW.

The purposes of the law are primarily to protect the consumer against the unscrupulous manufacturer or dealer and to enable him to buy most economically the feeds best suited to his needs. The law aims to prevent misbranding, adulteration and other fraudulent practices. It requires that the fullest information possible be available to the purchaser both as to the guaranteed analysis of the feed and the materials of which it is composed.

TO CONSUMERS.

The coöperation of the consumer is necessary in enforcing the law. Do not buy a feed that is not properly labelled and guaranteed in compliance with the law. During the past year a decreasing number of feeding-stuffs were found upon the market without a label showing the guaranteed analysis or without a statement of the ingredients of which the feed is composed. This practice is unlawful. The consumer's coöperation in refusing to buy such feeding-stuffs will stop it and at the same time afford himself protection. His need of protection in such cases is well shown by the fact that in many cases these feeding-stuffs are of very low grade.

TO DEALERS.

Write to the Commissioner of Agriculture for a copy of the state law and familiarize yourself with its provisions. Consult these annual bulletins and buy feeding-stuffs from the manufacturers who regularly meet their guarantees. Protect yourself by specifying that all shipments of feeding-stuffs consigned to you must comply with the state law. Do not accept from the manufacturer or jobber any shipment of feeding-stuffs which does not have a guaranteed analysis as well as a statement of the ingredi-

ents of which the feeding-stuff is composed plainly printed upon each bag in exact conformity to the law. The dealer is directly responsible for any feeding-stuff in his possession that fails to comply with the law. The same penalty applies to exposing or offering for sale as for selling. A very large per cent of the dealers in the state now comply with the law. This paragraph is intended as a warning to the small per cent who violate it that the law will be rigidly enforced against them.

TO MANUFACTURERS.

Each brand of feeding-stuff offered for sale in the state must be registered with the Commissioner of Agriculture, Concord, New Hampshire. Registration blanks will be furnished upon request or the uniform application blank approved by the Association of Feed Control Officials may be used. The uniform labels approved by the Association of Feed Control Officials meet the requirements of the state law.

CLASSIFICATION.

In classifying the feeding-stuffs here reported the class names under which they were sold to the consumer have been used. Table I shows the number of feeding-stuffs in each class, the average percentage of protein and fat found, the average price per 100 pounds and the number of pounds of protein and of fat one dollar will buy in each class.

TABLE I.

Class	Number in class	Average per cent protein	Average per cent fat	Average price per 100 lbs.	Pounds of protein per $1.00	Pounds of fat per $1.00
Alfalfa Meal	4	16.47	1.84	2.54	6.48	0.72
Beet Pulp	1	9.22	0.88	2.45	3.76	0.36
Brewers' Dried Grains	2	22.08	7.49	1.95	11.32	3.84
Buttermilk	2	34.17	7.75	9.50	3.60	0.82
Calf Meal	5	24.62	5.37	5.24	4.70	1.02
Compounded Feed	24	9.48	3.99	2.10	2.38	0.53
Cottonseed Meal	21	39.40	6.43	2.51	15.70	2.56
Dairy Feed	72	21.85	4.99	2.49	8.61	2.00
Distillers' Grains	1	28.27	10.00	2.75	10.28	3.64
Gluten Feed	6	25.38	2.62	2.57	9.87	1.02
Hog Feed	4	19.73	5.31	2.64	7.47	2.01
Hominy Feed	9	10.18	6.15	2.20	4.63	2.80
Horse Feed	4	11.15	3.72	2.50	4.46	1.49
Linseed Meal	8	34.23	6.37	2.94	11.64	2.17
Meat and Bone Feed	26	49.19	11.45	3.95	12.45	2.90
Oat Feed	5	10.44	4.81	2.38	4.39	2.02
Poultry Feed	49	19.17	5.41	3.28	5.81	1.65
Wheat Bran	31	14.86	5.12	1.98	7.51	2.59
Wheat Middlings	30	16.17	5.10	2.25	7.19	2.27
Wheat Mixed Feed	29	15.42	4.64	2.21	6.98	2.10
Wheat Red Dog Flour	7	15.87	4.04	2.76	5.75	1.46
Wheat Shorts	10	16.80	5.58	2.00	8.40	2.79

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW.

Of the 350 brands analyzed only 154 complied with the law in every respect. The 196 which did not fully comply with the law violated it on 281 counts. Eighty-five brands or 24 per cent were deficient in protein, 56 of these or 16 per cent were deficient one-half per cent or more. Forty-eight brands or 14 per cent were deficient in fat, 34 of these or 10 per cent were deficient one-fourth per cent or more. Twenty-three brands were deficient in carbohydrates. Twenty-one brands contained an excessive amount of crude fiber. Seventy-nine brands were offered for sale without the carbohydrate guarantee. Two brands of wheat feeds were offered for sale without the manufacturers' guarantee of any of the constituents. On six brands the sliding scale guarantee of protein and of fat was used. On ten brands the manufacturer failed to certify the ingredients of which the feeds were composed. Table II shows the number of samples found deficient in protein and in fat, the number of samples deficient in both protein and fat and the percentages of each class showing such deficiencies. In making up the table only those feeds deficient by one-half of one per cent or more of protein and one-fourth of one per cent or more of fat were included. In the tabulation of the analytical data in the following pages these deficiencies are shown in heavy black type:

TABLE II.

Class.	Number in Class	Number deficient one-half per cent protein	Number deficient one-fourth per cent fat	Number deficient in both protein and fat	Per cent deficient one-half per cent protein	Per cent deficient one-fourth per cent fat	Per cent deficient in both protein and fat
Alfalfa Meal	4	0	1	0	0	25	0
Beet Pulp	1	0	0	0	0	0	0
Brewers' Dried Grains	2	0	0	0	0	0	0
Buttermilk	2	0	0	0	0	0	0
Calf Meal	5	0	0	0	0	0	0
Compounded Feed	24	5	3	2	21	13	8
Cottonseed Meal	21	5	1	1	24	5	5
Dairy Feed	72	10	11	3	14	15	4
Distillers' Grains	1	1	0	0	100	0	0
Gluten Feed	6	0	0	0	0	0	0
Hog Feed	4	0	0	0	0	0	0
Hominy Feed	9	1	3	1	11	33	11
Horse Feed	4	0	0	0	0	0	0
Linseed Meal	8	1	1	1	13	13	13
Meat and Bone Feed	26	9	3	2	35	12	8
Oat Feed	5	1	0	0	20	0	0
Poultry Feed	49	6	0	0	12	0	0
Wheat Bran	31	6	0	0	19	0	0
Wheat Middlings	30	4	3	1	13	10	3
Wheat Mixed Feed	29	4	4	1	14	14	3
Wheat Red Dog Flour	7	3	4	2	43	57	29
Wheat Shorts	10	0	0	0	0	0	0
Total	350	56	34	14	16	10	4

COMPARATIVE VALUE OF COTTONSEED MEALS.

Twenty-one samples of cottonseed meals were analyzed. Table III shows the number of samples analyzed under each percentage, the price per 100 pounds and the average number of pounds of protein that one dollar will buy in each class.

TABLE III.

Guaranteed per cent of protein	Number of samples	Average per cent of protein found	Average price per 100 lbs.	Number pounds protein $1.00 will buy
36	11	36.73	$2.40	15.3
38	0	.....	.....	...
41	3	41.37	2.77	14.9
43	7	42.74	2.57	16.6

THE SLIDING SCALE GUARANTEE.

The law requires that the manufacturer shall state in his guarantee the minimum percentage only of protein, of fat and of carbohydrates, and the maximum percentage only of crude fiber. In violation of the law six brands were found offered for sale under a sliding scale or double guarantee. Three of these feeds, 50 per cent, did not meet even the minimum guarantee in protein. This fact should be sufficient warning to the consumer not to buy the feeds of those manufacturers and dealers who violate this provision of the law. In publishing the guaranteed analysis of such feeding-stuffs in this bulletin the maximum figures only have been used.

BRAND NAME

Many feeding-stuffs carry a brand name implying that the feed has more than usual feeding value. Fifty such feeding-stuffs in this year's inspection were examined to determine what justification if any there might be for these brand names. It was found that 29 or 58 per cent of them did not contain as much protein as they were represented to contain. Many of them were deficient in other constituents also. This figure, 58 per cent, for these feeds compares with 24 per cent, the percentage of the whole number of feeding-stuffs found deficient in protein in this year's inspection. From the above figures it is evident that if the consumer is influenced by the brand name in selecting a feeding-stuff he increases his chances of buying a feed of less than average value. In buying feeding-stuffs the purchaser should consider the percentage of protein, the percentage of fat, the percentage of total carbohydrates less the percentage of crude fiber, the price in relation to the percentages of the various constituents and the materials of which the feed is composed but should not be influenced by the brand name.

REQUESTS FOR ANALYSIS OF FEEDING-STUFFS BY CONSUMERS.

The Department is frequently asked to make an analysis of feeding-stuffs for individuals. This service is gladly rendered when the circumstances warrant it. Such samples should be drawn from at least five bags, preferably ten, in a manner to insure that the small lot sent for analysis is accurately representative of the large lot from which it is taken. A one-pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and changes in the moisture content. In order that the analysis may be of value to the Department as well as to the individual and that we may know whether or not the manufacturer and dealer are complying with all the requirements of the law, we request the following information be submitted concerning each sample:

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Carbohydrates .....

Crude Fiber .....

Ingredients .....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Your name .....

Address .....

Your reason for requesting analysis.....

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
ALFALFA MEAL								
Colorado Alfalfa Meal	G.	12.00	1.50	40.00	....	....	35.00	
Avondale Alfalfa Milling and Elevator Co. Pueblo, Colorado	F.	15.96	2.43	61.51	8.82	11.28	....	
Alfalfa Meal	G.	12.00	1.00	....	....	....	35.00	Alfalfa hay.
Denver Alfalfa Milling and Products Co. Lamar, Colorado	F.	14.17	1.08	66.56	8.87	9.32	....	
Lealfalfa Meal	G.	20.00	2.50	....	....	....	18.00	Alfalfa hay.
Denver Alfalfa Milling and Products Co. Lamar, Colorado	F.	21.36	2.22	51.67	15.20	9.55	....	
Otto Weiss Alfalfa Meal	G.	12.00	1.00	70.00	....	....	35.00	Ground alfalfa hay.
Otto Weiss Milling Co. Wichita, Kansas	F.	14.39	1.64	67.25	8.64	8.08	....	
BEET PULP								
Dried Beet Pulp	G.	8.00	0.50	74.00	....	....	22.00	Residue of sugar beets dried after the extraction of sugar
Larrowe Milling Co. Detroit, Mich.	F.	9.22	0.88	72.37	4.42	13.11	....	
BREWERS' DRIED GRAINS								
Brewers' Dried Grains	G.	20.00	5.00	....	....	....	19.00	
Badger Grains and Feed Co. Milwaukee, Wis.	F.	22.12	7.79	61.10	3.65	5.34	....	
Crown Brewers' Dried Grains	G.	20.00	5.00	....	....	....	18.00	
Milwaukee Grains and Feed Corp. Milwaukee, Wis.	F.	22.04	7.20	58.38	3.25	9.13	....	

BUTTERMILK								
Collis Process Pure Dried Buttermilk....	G.	30.00	5.00	38.00	....	....	....	
Collis Products Co.	F.	33.06	9.04	35.88	10.03	11.99	....	
Clinton, Iowa								
Fairmont Pure Flake Buttermilk.....	G.	32.00	6.00	....	....	....	....	
Fairmont Creamery Co.	F.	35.29	6.46	42.37	11.76	5.12	....	
Omaha, Neb.								
CALF MEAL								
Blatchford's Calf Meal	G.	24.00	5.00	53.00	....	....	6.75	Locust bean meal, unpressed flaxseed, blood flour, rice polish, old process linseed meal, dried milk albumen, barley meal, ground beans, cocoa, calcium phosphate, bone meal, wheat flour, cocoanut oil meal, cottonseed meal, fenugreek, anise, salt.
Blatchford Calf Meal Co.	F.	24.00	5.00	52.95	6.94	11.11	5.71	
Waukegan, Ill.								
Eshelman's Calf Meal	G.	16.00	3.00	60.00	....	....	5.00	Wheat feed, old process linseed meal, wheat middlings, wheat flour, oat meal, kaffir corn, blood meal, flaxseed.
John W. Eshelman and Sons	F.	22.60	4.66	61.59	2.81	8.34	5.00	
Lancaster, Pa.								
Stevens Milkade Calf Meal	G.	20.00	8.00	50.00	....	....	7.50	Ground malt, old process linseed oil meal, wheat bran, wheat flour, cocoanut oil meal, 1% bone meal, rice polish, cocoa shell meal, wheat middlings, sesame oil meal, 3% blood flour, a small percentage of calcium carbonate, ground fenugreek, ground anise, salt.
Park and Pollard Co.	F.	23.29	7.87	52.95	6.83	9.06	5.29	
Boston, Mass.								
Purina Calf Chow Feed	G.	27.00	3.20	55.00	....	....	4.50	Blood flour, linseed meal, hominy feed, yellow corn feed meal, wheat flour, 1% bone phosphate of lime, 1% salt.
Ralston Purina Co., Inc.	F.	28.23	4.14	50.62	4.46	10.55	3.15	
St. Louis, Mo.								
Ryde's Cream Calf Meal.....	G.	25.00	5.00	55.00	....	....	6.75	Wheat flour, linseed oil meal, recleaned cottonseed meal, cocoanut oil meal, beans and lentils, hominy feed, locust bean meal, blood meal, ground cocoa shell meal, ground flaxseed, malt flour, cocoa shell meal, dried milk, calcium carbonate, fenugreek, anise, salt.
Ryde and Co.	F.	25.00	5.19	52.14	6.17	11.50	5.82	
Chicago, Ill.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
COMPOUNDED FEED								
Pennant Brand Stock Feed	G.	9.00	5.00	60.00	....	....	10.00	Fine white hominy, oat by-products, oat
E. W. Bailey and Co.	F.	9.13	6.19	71.28	4.33	9.07	10.00	middlings, oat hulls, oat shorts, ½% salt.
Swanton, Vt.								
Centaur Feed	G.	12.00	4.00	....	....	....	8.00	Linseed oil meal, hominy feed, corn meal,
Chapin and Co.	F.	12.94	4.48	66.50	5.78	10.30	7.57	crushed oats, wheat bran, salt.
Hammond, Ind.								
Climax Stock Feed	G.	8.75	3.50	45.00	....	....	8.00	Corn, oats, barley, oat feed.
E. A. Cowee Co.	F.	8.43	3.57	72.39	4.55	11.06	10.21	
Fitchburg, Mass.								
Coweco Stock Feed	G.	9.00	4.00	45.00	....	....	11.00	Oats, hominy meal, corn, barley, oat meal
E. A. Cowee Co.	F.	9.80	4.72	73.00	5.36	7.12	10.74	by-products, oat middlings, oat shorts, oat
Fitchburg, Mass.								hulls, salt, calcium carbonate.
Quality Stock Feed	G.	10.00	3.00	50.00	....	....	10.00	Corn feed meal, hominy feed, barley,
J. Cushing Co.	F.	8.35	3.68	74.06	2.88	11.03	9.79	oats, wheat middlings, oat meal mill by-products, oat middlings, oat shorts, ½% salt.
Fitchburg, Mass.								
Vigor Sugared Stock Feed	G.	10.00	3.25	50.00	....	....	11.00	Corn feed meal, wheat middlings, hominy
J. Cushing Co.	F.	11.14	3.64	71.35	4.90	8.97	12.06	feed, soy bean meal, cane molasses, oat meal mill by-products, oat hulls, oat shorts, ½% salt.
Fitchburg, Mass.								
Emco Stock Feed	G.	9.00	2.00	....	....	....	14.00	Hominy feed, corn feed meal, oats, oat
Elmore Milling Co.	F.	7.67	2.81	71.88	4.03	13.61	13.85	meal mill by-products, oat middlings, oat
Oneonta, N. Y.								hulls, oat shorts, salt.
Lancaster Stock Feed	G.	10.00	3.00	50.00	....	....	10.00	Corn feed meal, wheat middlings, hominy
John W. Eshelman and Sons	F.	9.59	4.07	71.65	3.69	11.00	11.56	feed, ground barley, ground oats, oat meal
Lancaster, Pa.								mill by-poducts, oat middlings, oat hulls, oat shorts, ½% salt.

Grandin's Stock Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. F.	9.00 9.32	5.00 5.00	55.00 71.55	.... 3.18	.... 10.95	12.00 8.35	Corn meal, corn feed meal, hominy feed, wheat middlings, barley, oat meal mill by-products, oat middlings, oat hulls, oat shorts, ½% salt, wheat middlings may contain ground screenings not exceeding mill run.
Granite State Stock Feed E. C. and W. L. Hopkins Greenfield, N. H.	G. F.	9.00 9.83	5.00 5.93	60.00 71.19	.... 3.48	.... 9.57	10.00 8.33	Fine white hominy, wheat red dog flour, oat by-products, oat middlings, oat hulls, oat shorts, ½% salt.
Our Special Stock Feed E. C. and W. L. Hopkins Greenfield, N. H.	G. F.	7.50 7.56	3.00 3.52	70.00 75.43	.... 4.08	.... 9.41	13.50 13.24	Ground corn, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ½% salt.
Stock Feed McQuesten and Lewis Manchester, N. H.	G. F.	9.00 10.86	3.00 3.41	60.00 71.71	.... 3.58	.... 10.44	12.00 11.86	Ground corn, hominy feed, linseed meal, ground barley, wheat flour, wheat bran, wheat middlings, ground screenings not exceeding mill run, gluten meal, oat hulls, ¾% salt.
Merrimack Special Stock Feed Merrimack Farmers' Exchange, Inc. Concord, N. H.	G. F.	8.00 7.00	3.00 2.56	55.00 74.18	.... 4.19	.... 12.07	14.00 13.86	Corn meal, oats, oat meal mill by-products, oat hulls, oat shorts, oat middlings, ½% salt.
Merrimack Stock Feed Merrimack Farmers' Exchange, Inc. Concord, N. H.	G. F.	9.00 8.29	4.00 2.98	55.00 73.27	.... 3.14	.... 12.32	11.00 9.12	White hominy, oats, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ½% salt.
Stock Feed Park and Pollard Co. Boston, Mass.	G. F.	8.00 8.76	2.50 5.32	50.00 71.73	.... 4.43	.... 9.76	12.00 9.34	Ground barley, ground corn, ground oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate, salt.
Richford White Diamond Stock Feed Quaker Oats Co. Chicago, Ill.	G. F.	9.00 8.41	3.00 3.00	74.00 74.14	.... 5.24	.... 9.21	14.00 12.69	Ground corn, hominy feed, barley meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ¾% salt, 1% calcium carbonate, 1% bone meal.
Sterling Stock Feed with Molasses Quaker Oats Co. Chicago, Ill.	G. F.	9.50 10.72	3.00 3.69	69.00 70.58	.... 5.74	.... 9.27	14.00 12.84	Hominy feed, yellow hominy feed, barley meal, wheat bran, wheat middlings, ground wheat screenings not exceeding mill run, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ¾% salt, 1% calcium carbonate, 1% bone meal, molasses.

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Sugared Schumacher Feed	G.	10.00	3.25	70.00	....	....	12.00	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed meal, wheat flour, wheat middlings, ground screenings not exceeding mill run, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ¾% salt, 1% calcium carbonate, 1% bone meal.
Quaker Oats Co. Chicago, Ill.	F.	11.03	3.43	70.15	5.78	9.61	10.86	
Purina-O-Molene Feed	G.	9.70	3.20	67.00	....	....	8.00	Cracked corn, crushed oats, molasses, linseed meal, ground alfalfa, 1% salt.
Ralston Purina Co., Inc. St. Louis, Mo.	F.	10.88	3.89	68.67	4.10	12.46	7.93	
Charlestock Feed	G.	9.00	4.00	50.00	....	....	14.00	Oat feed, oat meal mill by-products, oat shorts, oat middlings, oat hulls, hominy or corn meal, linseed oil meal, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	10.05	4.13	72.21	3.96	9.65	11.93	
Wirthmore Stock Feed	G.	9.00	4.00	60.00	....	....	9.50	Ground barley, oats, hominy meal, corn, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ½% salt.
St. Albans Grain Co. St. Albans, Vt.	F.	9.41	4.07	72.39	4.60	9.53	9.50	
Stratton and Co.'s Stock Feed	G.	7.50	2.83	66.00	....	....	14.43	Oat feed, oat middlings, shorts, corn bran, corn siftings, corn meal.
Stratton and Co. Concord, N. H.	F.	7.79	3.79	74.45	3.49	10.48	13.12	
Blue Seal Stock Feed	G.	10.00	4.00	70.00	....	....	10.00	Ground oats, hominy feed, wheat feed, corn meal, linseed meal, oat feed, ½% salt.
H. K. Webster Co. Lawrence, Mass.	F.	10.62	3.71	71.43	4.58	9.66	11.73	
Rockingham Stock Feed	G.	9.00	4.00	60.00	....	....	16.00	Hominy feed, red dog flour, oat feed, calcium carbonate, ½% salt.
H. K. Webster Co. Lawrence, Mass.	F.	9.94	4.19	70.93	4.45	10.49	14.22	

COTTONSEED MEAL								
Standard Cottonseed Meal	G.	36.00	5.50	27.00	....	....	14.00	Upland cottonseed only.
E. T. Allen Co.	F.	37.65	7.04	40.58	6.12	8.61	....	
Atlanta, Ga.								
Port Arthur Brand Cottonseed Cake and Meal	G.	43.00	6.00	35.00	....	....	12.00	
American Oil Cake and Feed Co.	F.	43.46	6.59	34.43	5.23	10.29	....	
Dallas, Texas								
Helmet Brand Prime Cottonseed Meal	G.	41.00	6.00	26.00	....	....	10.00	Upland cottonseed only.
Ashcraft-Wilkinson Co.	F.	40.53	6.18	39.40	5.63	8.26	....	
Atlanta, Ga.								
Monarch Brand Prime Cottonseed Meal	G.	43.00	6.00	25.00	....	....	10.00	Upland cottonseed only.
Ashcraft-Wilkinson Co.	F.	44.48	6.86	34.35	6.47	7.84	....	
Atlanta, Ga.								
Paramount Brand Good Cottonseed Meal	G.	36.00	5.50	27.00	....	....	14.00	Upland cottonseed only.
Ashcraft-Wilkinson Co.	F.	36.00	5.33	43.52	6.17	8.98	....	
Atlanta, Ga.								
Buckeye Cottonseed Meal	G.	36.00	5.00	30.00	....	....	11.00	
Buckeye Cotton Oil Co.	F.	36.14	5.89	46.79	4.93	6.25	....	
Cincinnati, Ohio								
Beauty Brand Cottonseed Meal	G.	36.00	6.00	....	....	....	14.00	Cottonseed meal and cottonseed hulls.
S. P. Davis	F.	35.21	5.64	47.06	4.90	7.19	....	
Little Rock, Ark.								
Bull Brand Cottonseed Meal	G.	43.00	5.00	26.00	....	....	10.00	
Humphreys-Godwin Co.	F.	42.78	7.63	34.09	6.82	8.68	....	
Memphis, Tenn.								
Cottonseed Meal	G.	43.00	5.00	26.00	....	....	10.00	
Humphreys-Godwin Co.	F.	44.68	7.47	33.64	6.62	7.59	....	
Memphis, Tenn.								
Danish Brand Cottonseed Feed	G.	36.00	5.00	25.00	....	....	15.00	Cottonseed meal and cottonseed hulls
Humphreys-Godwin Co.	F.	36.22	6.30	45.34	4.68	7.46	....	
Memphis, Tenn.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Dixie Brand Choice-Prime Cottonseed Meal	G.	41.12	5.00	26.00	....	....	10.00	Pressed cottonseed.
Humphreys-Godwin Co.	F.	42.21	7.87	35.41	6.40	8.11	....	
Memphis, Tenn.								
Lovit Brand 36% Cottonseed Meal	G.	36.00	5.00	28.50	....	....	14.00	Decorticated cottonseed.
L. B. Lovitt and Co.	F.	36.25	5.48	44.90	5.28	8.09	....	
Memphis, Tenn.								
Lovit Brand 43% Cottonseed Meal	G.	43.00	6.00	25.00	....	....	10.00	Decorticated cottonseed.
L. B. Lovitt and Co.	F.	40.35	6.64	38.96	5.98	8.07	....	
Memphis, Tenn.								
Cottonseed Meal	G.	36.00	5.00	28.50	....	....	14.00	
Marianna Sales Co.	F.	39.99	7.36	37.66	6.35	8.64	....	
Memphis, Tenn.								
Cottonseed Meal	G.	43.00	6.00	25.00	....	....	10.00	
Marianna Sales Co.	F.	43.00	7.49	34.62	6.87	8.02	....	
Memphis, Tenn.								
Good Cottonseed Meal	G.	36.00	5.00	28.50	....	....	14.00	
Marianna Sales Co.	F.	38.16	6.74	42.41	5.38	7.31	....	
Memphis, Tenn.								
Durham Thirty-Six	G.	36.00	5.00	....	....	....	14.00	
Memphis Cottonseed Products Co.	F.	34.83	5.16	45.76	5.24	9.01	....	
Memphis, Tenn.								
Durham Thirty-six Cottonseed Meal	G.	36.00	5.00	28.50	....	....	14.00	
Memphis Cottonseed Products Co.	F.	35.36	5.14	46.48	5.04	7.98	....	
Memphis, Tenn.								
Durham Forty-Three Cottonseed Meal	G.	43.00	6.00	25.00	....	....	10.00	
Memphis Cottonseed Products Co.	F.	40.46	6.60	38.36	5.55	9.03	....	
Memphis, Tenn.								

Star Brand Cottonseed Meal	G.	41.00	5.50	25.00	....	....	10.00	
National Cottonseed Products Corp.	F.	41.36	6.40	38.32	5.78	8.14	....	
Memphis, Tenn.								
Triangle Brand Cottonseed Meal	G.	36.00	5.00	28.50	....	....	14.00	
R. N. Neal and Co.	F.	38.26	5.32	44.25	5.34	6.83	....	
Memphis, Tenn.								
DAIRY FEED								
Universal Dairy Ration	G.	24.00	5.00	45.00	....	....	9.00	Peanut oil meal, cottonseed meal, old process linseed oil meal, corn distillers' dried grains, corn gluten feed, wheat bran, oats, hominy feed, cane molasses, bone meal, calcium carbonate, salt.
American Milling Co.	F.	24.53	5.63	53.38	7.28	9.18	7.99	
Peoria, Ill.								
Advanced Registry Dairy Feed	G.	25.00	5.00	50.00	....	....	10.00	Hominy feed, pure old process linseed meal, corn gluten feed, dried grains from barley, malt and corn, wheat bran, wheat middlings, cottonseed meal, ½% salt.
Arcady Farms Milling Co.	F.	20.53	5.12	59.13	5.88	9.34	9.05	
Chicago, Ill.								
Master Grain Ration	G.	24.00	4.50	52.00	....	....	11.00	Corn gluten feed, old process linseed oil meal, wheat bran, wheat middlings, dried grains from barley, malt, and corn, ground oats, corn feed, cottonseed meal, calcium carbonate from limestone, ½% salt.
Arcady Farms Milling Co.	F.	24.02	6.01	55.47	5.76	8.74	9.18	
Chicago, Ill.								
Milkers' Ready Ration	G.	22.00	4.00	53.00	....	....	11.00	Corn gluten feed, wheat middlings, wheat bran, old process linseed oil meal, corn oil cake meal, corn feed meal, wheat screenings, cottonseed meal, molasses, ½% salt.
Arcady Farms Milling Co.	F.	24.92	4.88	51.12	8.54	10.54	10.74	
Chicago, Ill.								
Peerless Milk Ration	G.	20.00	4.00	50.00	....	....	12.00	Cottonseed meal, old process linseed oil meal, corn gluten feed, wheat bran, dried grains from barley, malt, and corn, cleaned ground and bolted grain screenings, ground and bolted clipped oat by-products, molasses, ½% salt.
Arcady Farms Milling Co.	F.	22.04	5.52	55.73	7.18	9.53	10.82	
Chicago, Ill.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Sweet 16 Dairy Feed	G.	16.00	4.00	60.00	....	....	12.00	Wheat bran, old process linseed oil meal, corn gluten feed, wheat screenings, clipped oat by-products, cottonseed meal, molasses, ½% salt.
Arcady Farms Milling Co. Chicago, Ill.	F.	16.11	5.12	61.43	6.97	10.37	11.32	
Wonder Dairy Ration	G.	24.00	5.00	50.00	....	....	10.00	Cottonseed meal, corn oil cake meal, corn gluten feed, old process linseed oil meal, corn feed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, molasses, alfalfa meal, ½% salt.
Arcady Farms Milling Co. Chicago, Ill.	F.	25.77	5.04	53.87	5.37	9.95	9.14	
Capital Dairy Ration	G.	24.00	5.00	55.00	....	....	9.00	Corn gluten feed, linseed oil meal, hominy feed, cottonseed meal, ground oats, wheat bran, corn meal, ½% salt.
E. W. Bailey and Co. Swanton, Vt.	F.	25.08	5.26	55.22	5.14	9.30	8.46	
Favorite Dairy Ration	G.	20.00	5.50	55.00	....	....	7.50	White hominy, cottonseed meal, corn gluten, linseed meal, corn meal, oats, wheat bran, wheat middlings.
E. W. Bailey and Co. Swanton, Vt.	F.	20.73	4.56	60.52	4.13	10.06	7.79	
Our Own Dairy Ration	G.	16.00	5.00	60.00	....	....	9.00	Corn gluten feed, linseed oil meal, hominy feed, cottonseed meal, oats, wheat bran, ½% salt.
E. W. Bailey and Co. Swanton, Vt.	F.	17.19	5.37	62.50	4.48	10.46	7.48	
Belknap's Dairy Feed	G.	20.00	5.00	55.00	....	....	12.00	Corn gluten feed, cottonseed meal, wheat bran with screenings, hominy, oat meal mill by-products, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
Belknap County Farmers' Exchange Laconia, N. H.	F.	21.91	4.79	58.17	5.75	9.38	10.49	
Brown's Dairy Feed	G.	20.00	5.00	55.00	....	....	12.00	Gluten feed, cottonseed meal, old process linseed meal, wheat bran with screenings, hominy, oat meal mill by-products, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
J. F. Brown and Son Epping, N. H.	F.	20.56	4.58	59.04	4.91	10.91	11.16	

Chase Dairy Ration	G.	17.00	4.50	50.00	....	....	9.00	Cottonseed meal, corn meal, wheat bran, oats, gluten feed, linseed meal, 1% salt.
Caledonia Mills, Inc.	F.	17.23	4.88	60.01	4.45	13.43	9.00	
St. Johnsbury, Vt.								
Cheshire County Farmers' Special Dairy Ration	G.	25.00	6.00	50.00	....	....	10.00	Cottonseed meal, wheat bran, oats, barley, gluten feed, hominy, oil meal.
Caledonia Mills, Inc.	F.	22.75	5.26	56.26	5.86	10.37	11.85	
St. Johnsbury, Vt.								
Green Mountain Dairy Ration	G.	25.00	6.00	50.00	....	....	10.00	Wheat bran, oats, barley, gluten feed, hominy, oil meal.
Caledonia Mills, Inc.	F.	21.54	4.59	57.47	5.45	10.95	11.83	
St. Johnsbury, Vt.								
Kearsarge Dairy Ration	G.	15.00	4.50	50.00	....	....	....	Oats, bran, corn, gluten feed, cottonseed meal, oil meal, salt.
N. P. Clough Co.	F.	16.18	4.59	63.41	4.15	11.67	13.29	
Wilmot Flat, N. H.								
Unicorn Dairy Ration	G.	24.00	5.00	50.00	....	....	10.00	Cottonseed Meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal, bone, charcoal, salt.
Chapin and Co.	F.	23.60	5.31	54.54	7.43	9.12	9.32	
Hammond, Ind.								
Coweco 1922 Ration	G.	21.50	5.50	45.00	....	....	8.00	Gluten feed, linseed meal, cottonseed meal, cocoanut oil meal, corn meal, wheat bran, wheat middlings, salt, calcium carbonate.
E. A. Cowee Co.	F.	21.67	5.45	56.94	6.17	9.77	9.58	
Fitchburg, Mass.								
Coweco 1925 Ration	G.	24.00	4.50	45.00	....	....	10.00	Wheat bran, wheat middlings, corn meal, cottonseed meal, oat middlings, oat shorts, oat hulls, gluten feed, linseed meal, hominy, calcium carbonate, salt.
E. A. Cowee Co.	F.	25.24	5.83	52.91	6.29	9.70	8.23	
Fitchburg, Mass.								
Champion Dairy Ration	G.	24.00	5.00	50.00	....	....	11.00	Bran, cottonseed meal, gluten feed, gluten meal, linseed oil meal, oats, corn meal, brewers' dried grains, flour middlings, ¾% salt, bone meal, distillers' grains, calcium carbonate.
G. B. Currier Co., Inc.	F.	24.30	5.38	53.48	6.33	10.51	10.61	
Colebrook, N. H.								
Dairy Feed	G.	20.00	4.00	53.00	....	....	10.00	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soy bean meal, corn gluten meal, wheat middlings, brewers' dried grains, old process oil meal, reground grain screenings from wheat, alfalfa meal, ½% calcium carbonate, ½% salt.
J. Cushing Co.	F.	19.38	5.37	58.24	6.15	10.86	12.02	
Fitchburg, Mass.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. F.	25.00 26.65	5.00 6.39	56.00 52.02	.... 5.64	.... 9.30	10.00 9.74	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, wheat middlings, corn gluten meal, old process oil meal, oats, brewers' dried grains, ½% calcium carbonate, ½% salt.
Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. F.	24.00 23.19	4.00 4.58	53.00 56.22	.... 6.16	.... 9.85	10.00 10.14	Wheat bran, cottonseed meal, cocoanut oil meal, wheat middlings, soy bean meal, cane molasses, corn gluten feed, brewers' dried grains, old process oil meal, oats, barley, grain screenings from wheat, alfalfa meal, ½% calcium carbonate ½% salt.
Vigor Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. F.	16.00 18.87	3.00 4.52	45.00 58.32	.... 8.89	.... 9.40	10.00 10.00	Cottonseed meal, cane molasses, cocoanut oil meal, soy bean meal, corn gluten feed, brewers' dried grains, old process oil meal, oat meal mill by-products, oat middlings, oat hulls, oat shorts, reground grain screenings from wheat, ½% salt, ½% calcium carbonate.
Eames' Dairy Feed G. H. Eames and Son Keene, N. H.	G. F.	20.00 21.21	5.00 5.00	55.00 58.17	.... 5.68	.... 9.94	12.00 10.94	Gluten feed, cottonseed meal, old process linseed meal, wheat bran with screenings, hominy, oat meal by-products, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
Eastern's 20% Dairy Feed Eastern Grain Co. Portland, Me.	G. F.	20.00 22.04	4.00 5.08	53.00 53.16	.... 7.44	.... 12.28	10.00 9.66	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soy bean meal, corn gluten meal, wheat middlings, brewers' dried grains, old process oil meal, reground grain screenings from wheat, alfalfa meal, ½% calcium carbonate, ½% salt.

Eastern's 24% Dairy Feed	G.	24.00	4.00	53.00	....	....	10.00	Wheat bran, cottonseed meal, cocoanut oil meal, wheat middlings, soy bean meal, cane molasses, corn gluten feed, brewers' dried grains, old process oil meal, oats, barley, reground grain screenings from wheat, alfalfa meal, ½% calcium carbonate, ½% salt.
Eastern Grain Co.	F.	23.93	4.93	54.80	6.03	10.31	9.86	
Portland, Me.								
Eastern's 25% Ready Ration	G.	25.00	5.00	56.00	....	....	10.00	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, wheat middlings, soy bean meal, corn gluten meal, old process oil meal, oats, barley, brewers' dried grains, ½% calcium carbonate, ½% salt.
Eastern Grain Co.	F.	25.74	5.49	54.49	5.34	8.94	8.92	
Portland, Me.								
Eastern States' Fitting Ration	G.	12.00	3.50	55.00	....	....	8.00	Wheat bran, oats, corn meal, yellow hominy, pure old process linseed oil meal, molasses, wheat middlings, bone meal, calcium carbonate, salt.
Eastern States Farmers' Exchange	F.	14.21	4.56	62.86	6.21	12.16	7.82	
Springfield, Mass.								
Eastern States' Milkmore Dairy Ration	G.	24.00	4.50	44.00	....	....	9.00	Gluten feed, pure old process linseed oil meal, cottonseed meal, hominy, corn distillers' grains, bran, middlings, oats, molasses, bone meal, salt, calcium carbonate.
Eastern States Farmers' Exchange	F.	23.23	5.16	54.39	6.65	10.57	8.76	
Springfield, Mass.								
Eastern States' Fulpail Dairy Ration	G.	20.00	4.00	48.00	....	....	9.00	Gluten feed, yellow hominy, pure old process linseed oil meal, oats, wheat bran, cottonseed meal corn distillers' dried grains, wheat middlings, molasses, steamed bone meal, calcium carbonate, salt.
Eastern States Farmers' Exchange	F.	21.21	4.88	56.53	6.05	11.33	8.46	
Springfield, Mass.								
Elmore Milk Grains	G.	25.00	6.00	....	....	....	11.00	Corn distillers' grains, wheat bran, old process oil meal, corn meal or hominy feed, barley, malt sprouts, corn gluten feed, cottonseed meal, dried brewers' grains, calcium carbonate, salt.
Elmore Milling Co.	F.	26.20	4.82	54.62	5.24	9.12	10.38	
Oneonta, N. Y.								
Eshelman's Pennsy 16% Dairy Feed	G.	16.00	3.00	45.00	....	....	10.00	Cottonseed meal, cane molasses, cocoanut oil meal, soy bean meal, corn gluten feed, dried brewers' grains, old process oil meal, oat meal mill by-products, oat middlings, oat hulls, oat shorts, reground grain screenings from wheat, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons	F.	19.44	5.33	57.19	7.92	10.12	9.79	
Lancaster, Pa.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Fosher's Dairy Feed Fosher and Co. Manchester, N. H.	G.	22.00	3.50	50.00	....	....	8.00	Gluten meal, linseed oil meal, cottonseed meal, hominy, wheat bran with mill run screenings, oats, brewers' grains, ½% salt.
	F.	24.30	4.64	56.56	4.22	10.28	8.85	
Grandin's Twin Six Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G.	22.00	5.00	50.00	....	....	12.00	Linseed oil meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, alfalfa meal, ½% salt, wheat bran, wheat middlings may contain ground screenings not exceeding mill run.
	F.	22.20	5.18	57.13	5.21	10.28	8.96	
Our New 1926 Dairy Feed H. G. Holton Co. Lancaster, N. H.	G.	22.00	5.00	54.00	....	....	8.50	Bran, distillers' grains, gluten feed, gluten meal, cottonseed meal, protena, linseed meal, corn meal, oats, salt, calcium carbonate.
	F.	21.51	4.01	58.00	5.56	10.92	9.27	
Money Maker Sweetened Dairy Feed E. C. and W. L. Hopkins Greenfield, N. H.	G.	20.00	5.00	55.00	....	....	12.00	Corn gluten feed, cottonseed meal, old process linseed meal, oats, brewers' grains, wheat bran with screenings, hominy, oat meal by-products, molasses, cocoa shell meal, calcium carbonate, salt.
	F.	22.40	5.55	56.47	5.47	10.11	11.17	
Ideal Dairy Ration E. T. and H. K. Ide St. Johnsbury, Vt.	G.	24.00	5.00	45.00	....	....	12.00	Wheat bran and middlings with ground screenings not exceeding mill run, dried brewers' grains, distillers' grains, oats, old process linseed meal, cottonseed meal, gluten feed, gluten meal, 1% salt.
	F.	25.87	4.89	54.43	5.13	9.68	10.76	
International Special Dairy Feed International Sugar Feed Co. Minneapolis, Minn.	G.	15.00	4.50	47.00	....	....	12.00	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, clipped oat by-products, grain screenings, 1% salt, ½% calcium carbonate, ½% bone meal.
	F.	14.26	5.32	60.82	9.02	10.58	11.99	

Beatsall Milk Grains	G.	22.00	4.50	....	....	....	10.00	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, ¾% salt, beet pulp.
Kasco Mills, Inc.	F.	23.14	5.17	56.52	5.03	10.14	8.84	
Waverly, N. Y.								
Larro, The Ready Ration	G.	20.00	4.00	58.00	....	....	12.00	Cottonseed meal, corn gluten feed, old process linseed meal, wheat bran, wheat middlings, dried beet pulp, ¾% salt.
Larrowe Milling Co.	F.	21.52	4.01	59.31	5.36	9.80	10.36	
Detroit, Mich.								
Bull Brand Dairy Ration	G.	24.00	6.00	....	....	....	12.00	Dried brewers' grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings, calcium carbonate, steamed bone meal, ¾% salt, wheat bran and wheat middlings may contain ground screenings not exceeding mill run.
Maritime Milling Co., Inc.	F.	24.48	5.10	52.53	8.03	9.86	10.96	
Buffalo, N. Y.								
B. P. Dairy Ration	G.	21.00	4.00	55.00	....	....	12.00	Beet pulp, linseed oil meal, hominy feed, cottonseed meal, wheat bran, corn gluten feed, 1% carbonate of lime, 1 % salt.
Mapl-Flake Mills, Inc.	F.	21.59	4.35	57.18	7.50	9.38	9.35	
Chicago, Ill.								
Merrimack Dairy Ration	G.	20.00	5.00	50.00	....	....	10.00	Corn gluten feed, linseed oil meal, cottonseed meal, corn meal, wheat bran, wheat middlings not exceeding mill run of screenings, oats, ¾% salt, 3% calcium carbonate.
Merrimack Farmers' Exchange	F.	21.98	4.83	56.66	6.67	9.86	9.28	
Concord, N. H.								
Noyes' Dairy Feed	G	23.00	5.00	56.00	....	....	9.00	Cottonseed meal, old process linseed meal, white hominy feed, corn meal, oats, bran, gluten meal, 1% salt.
D. A. Noyes and Son	F.	22.77	5.44	56.45	4.97	10.37	9.00	
Colebrook, N. H.								
Economy Feed	G.	20.00	5.00	40.00	....	....	10.00	Distillers' dried grains, old process linseed oil meal, cottonseed meal, cocoa shell meal, hominy feed, grain screenings, ground fish, wheat bran, oats, corn gluten meal, molasses, calcium carbonate, salt.
Park and Pollard Co.	F.	20.78	5.22	55.74	8.72	9.54	9.33	
Boston, Mass.								
Milk Maid Dairy Ration	G.	24.00	5.00	45.00	....	....	11.00	Corn distillers' grains, old process linseed oil meal, cottonseed meal, gluten feed, wheat bran, wheat middlings, may contain mill run of screenings, ground oats, corn meal, calcium carbonate, salt.
Park and Pollard Co.	F.	24.01	4.89	54.81	6.88	9.41	9.36	
Boston, Mass.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Stevens' 44 Dairy Ration	G.	24.00	5.00	40.00	....	....	14.00	Linseed oil meal, cottonseed meal, corn gluten feed, cocoanut oil meal, pea meal, corn distillers' dried grains, brewers' dried grains, corn meal, calcium carbonate, wheat bran with mill run screenings, salt.
Park and Pollard Co. Boston, Mass.	F.	25.39	5.48	53.40	7.01	8.72	10.85	
Stevens' 44 Sweetened Dairy Ration	G.	24.00	5.00	40.00	....	....	14.00	Linseed oil meal, cottonseed meal, corn gluten feed, cocoanut oil meal, pea meal, corn distillers' dried grains, brewers' dried grains, wheat bran with mill run screenings, corn meal, oats, barley, molasses, calcium carbonate, salt.
Park and Pollard Co. Boston, Mass.	F.	24.03	5.17	54.64	6.72	9.44	10.26	
Universal Ration	G.	16.00	6.00	50.00	....	....	12.00	Linseed oil meal, cottonseed meal, cocoa shell meal, grain screenings, alfalfa, fish, molasses, calcium carbonate, salt.
Park and Pollard Co. Boston, Mass.	F.	15.70	4.29	61.47	8.07	10.47	8.80	
Peel's Dairy Feed	G.	20.00	5.00	55.00	....	....	12.00	Corn, gluten feed, cottonesed meal, old process linseed meal, wheat bran with screenings, hominy, oat meal by-products, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
William F. Peel Nashua, N. H.	F.	22.86	5.24	56.08	6.13	9.69	11.26	
Pike and Gale Dairy Feed	G.	20.00	5.00	45.00	....	....	12.00	Linseed oil meal, cottonseed meal, corn gluten feed, cocoanut oil meal, pea meal, corn distillers' dried grains, brewers' dried grains, wheat bran, corn meal, fine ground grain screenings, alfalfa, fish, molasses, calcium carbonate, salt.
Pike and Gale Littleton, N. H.	F.	20.10	4.51	55.90	7.72	11.77	11.32	
Pillsbury's Dairy Ration	G.	20.00	5.00	....	....	....	12.00	Linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, wheat bran, dried beet pulp, wheat middlings, calcium carbonate, salt.
Pillsbury Flour Mills Co. Minneapolis, Minn.	F.	21.37	5.26	56.11	7.54	9.72	9.14	

A. D. P. 20% Dairy Ration	G.	20.00	4.00	50.00	....	....	10.00	Corn, hominy, cottonseed meal, corn gluten feed, wheat bran, oats, oil meal, calcium carbonate, bone meal, salt.
W. N. Potter and Sons	F.	20.62	4.12	58.28	6.57	10.41	9.74	
Greenfield, Mass.								
A. D. P. 24% Dairy Ration	G.	24.00	4.00	52.00	....	....	10.00	Corn, hominy, cottonseed meal, corn gluten meal, wheat bran, oats, oil meal, calcium carbonate, bone meal, salt.
W. N. Potter and Sons	F.	25.11	4.45	54.85	5.42	10.17	8.97	
Greenfield, Mass.								
Quaker Dairy Feed with Molasses	G.	16.00	4.00	59.50	....	....	13.50	Cottonseed meal, linseed meal, hominy feed, yellow hominy feed, wheat bran, wheat middlings, grain screenings from wheat, oat meal mill by-products, oat middlings, oat hulls, oat shorts, ¾% salt, 1% calcium carbonate, 1% bone meal, molasses.
Quaker Oats Co.	F.	16.00	5.31	61.22	7.83	9.64	12.29	
Chicago, Ill.								
Protena More Milk Dairy Feed	G.	16.50	3.50	55.00	....	....	12.00	Cottonseed meal, gluten feed, oat feed, oat hulls, oat shorts, oat middlings, ground wheat screenings, molasses, 1% salt.
Ralston Purina Co., Inc.	F.	18.30	4.39	59.64	6.58	11.09	10.34	
St. Louis, Mo.								
Purina 24% Cow Chow Feed	G.	24.00	4.30	53.00	....	....	12.00	Linseed meal, gluten feed, hominy feed, corn feed meal, cottonseed meal, molasses, alfalfa, 1% salt.
Ralston Purina Co., Inc.	F.	25.53	4.56	53.34	6.51	10.06	10.46	
St. Louis, Mo.								
Paragon Dairy Feed	G.	22.00	4.00	50.00	....	....	12.00	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings not exceeding mill run screenings, bone meal, salt.
St. Albans Grain Co.	F.	18.12	4.14	61.74	6.17	9.83	12.42	
St. Albans, Vt.								
Wirthmore Balanced Ration for Dairy Cows	G.	25.00	5.50	55.00	....	....	9.00	Corn gluten meal, corn gluten feed, corn distillers' dried grains, brewers' dried grains, old process linseed meal, cottonseed meal, hominy meal, corn meal, wheat middlings, wheat bran, bone meal, salt.
St. Albans Grain Co.	F.	24.39	5.30	54.94	5.55	9.82	9.36	
St. Albans, Vt.								
Wirthmore 16% Dairy Feed	G.	16.00	4.00	60.00	....	....	8.50	Corn gluten meal, corn gluten feed, cottonseed meal, wheat bran, wheat middlings, bone meal, oats, calcium carbonate, salt.
St. Albans Grain Co.	F.	18.13	4.43	60.92	6.94	9.58	8.50	
St. Albans, Vt.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wirthmore 20% Dairy Feed	G.	20.00	5.00	57.00	....	....	9.00	Corn gluten meal, corn gluten feed, corn distillers' dried grains, brewers' dried grains, old process linseed meal, cottonseed meal, hominy feed, corn meal, oats, wheat middlings, wheat bran, bone meal, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	21.67	5.00	58.51	4.03	10.79	7.94	
FSCO Dairy Feed	G.	21.00	4.00	45.00	....	....	9.00	Wheat feed, corn meal, oats, old process linseed meal, gluten feed, cottonseed meal, gluten meal, molasses, salt, calcium carbonate.
Frank Smith Co. Lancaster, N. H.	F.	22.23	4.44	55.12	5.94	12.27	9.00	
Big 24 Dairy Feed	G.	24.00	4.00	50.00	....	....	12.00	Linseed oil meal, cottonseed meal, brewers' dried grains, ground grain screenings, oat middlings, oat hulls, oat shorts, wheat bran, calcium carbonate, salt.
Thomas-Boyce Feed Co. Attica, N. Y.	F.	24.28	5.18	53.13	7.35	10.06	10.41	
Direct Dairy Feed	G.	24.00	4.50	....	....	....	10.00	Linseed oil meal, cottonseed meal, corn gluten feed, corn meal, wheat bran, wheat middlings may contain mill run ground screenings, salt.
Thomas-Boyce Feed Co. Attica, N. Y.	F.	26.03	4.15	54.40	5.46	9.96	8.43	
Servus Dairy Feed	G.	20.00	4.50	....	....	....	12.00	Linseed oil meal, cottonseed meal, corn gluten feed, corn meal, wheat bran, wheat middlings may contain mill run screenings, salt.
Thomas-Boyce Feed Co. Attica, N. Y.	F.	24.08	4.50	55.25	5.40	10.77	9.71	
Fourex Dairy Ration XXXX	G.	16.50	3.50	....	....	....	12.00	Cottonseed meal, corn gluten feed, corn meal, grain screenings, wheat bran, molasses, salt.
Ubiko Milling Co. Cincinnati, Ohio	F.	16.70	5.41	59.64	7.49	10.76	11.86	
Union Grains Biles Dairy Ration	G.	24.00	5.00	55.00	....	....	10.00	Corn distillers' dried grains, cottonseed meal, old process linseed meal, wheat middlings, wheat bran, hominy meal, corn gluten meal, corn gluten feed, brewers' dried grains, ½% salt.
Ubiko Milling Co. Cincinnati, Ohio	F.	24.72	5.83	54.44	6.35	8.66	9.12	

Blue Seal Dairy Feed	G.	24.00	4.50	44.00	....	....	9.00	Gluten feed, hominy feed, old process oil meal, oats, wheat bran, cottonseed meal, corn distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
H. K. Webster Co.	F.	23.69	4.56	55.86	6.49	9.40	10.75	
Lawrence, Mass.								
Blue Seal "20" Dairy Ration	G.	20.00	4.50	48.00	....	....	9.00	Gluten feed, yellow hominy, old process oil meal, oats, bran, cottonseed meal, corn distillers' grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
H. K. Webster Co.	F.	22.16	4.58	55.80	6.06	11.40	9.00	
Lawrence, Mass.								
Blue Seal Standard Dairy Feed	G	18.50	5.50	50.00	....	....	8.50	Molasses, gluten feed, cottonseed meal, old process oil meal, malt sprouts, peanut middlings, bran, hominy feed, oats, calcium carbonate, bone meal, salt.
H. K. Webster Co.	F	19.94	6.69	56.94	6.33	10.10	8.50	
Lawrence, Mass.								
Rockingham Dairy Ration	G.	21.00	5.50	51.00	....	....	7.50	Oats, old process oil meal, bran, cottonseed meal, gluten feed, corn meal, ½% salt.
H. K. Webster Co.	F.	20.37	4.59	56.99	7.64	10.41	9.72	
Lawrence, Mass.								
DISTILLERS' GRAINS								
Eagle Grains, Dewey's Distillers' Dried	G.	30.00	10.00	....	....	....	13.00	
Dewey Bros. Co.	F.	28.27	10.00	51.18	3.71	6.84	....	
Blanchester, Ohio								
GLUTEN FEED								
Cream of Corn Gluten Feed	G.	23.00	1.50	....	....	....	8.50	
American Maize-Products Co.	F.	25.53	2.47	58.75	4.26	8.99	....	
Roby, Ind.								
Clinton Corn Gluten Feed	G.	23.00	2.00	....	....	....	8.00	
Clinton Corn Syrup Refining Co.	F.	24.47	2.20	58.73	4.85	9.75	....	
Clinton, Iowa								
Buffalo Corn Gluten Feed	G.	23.00	2.00	50.00	....	....	8.50	
Corn Products Refining Co.	F.	27.43	2.31	55.68	4.85	9.73	....	
New York City								
Jenk's Corn Gluten Feed	G.	22.00	3.00	....	....	....	8.00	Corn starch by-products with corn bran.
Huron Milling Co.	F.	23.56	4.03	62.63	2.21	7.56	....	
Harbor Beach, Mich.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Douglas Corn Gluten Feed	G.	23.00	1.00	60.00	....	....	8.00	
Penick and Ford, Ltd.	F.	26.16	2.96	56.58	5.56	8.74	....	
Cedar Rapids, Iowa								
Staley's Corn Gluten Feed	G.	23.00	1.00	50.00	....	....	8.00	
A. E. Staley Mfg. Co.	F.	25.13	1.73	56.99	5.98	10.17	....	
Decatur, Ill.								
HOG FEED								
Grandin's Hog Feed	G.	18.00	5.00	50.00	....	....	10.00	Linseed oil meal, cocoanut oil meal, wheat middlings, corn meal, corn feed meal, hominy feed, tankage, calcium carbonate, alfalfa meal, ½% salt, wheat middlings may contain ground screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	18.30	5.85	54.62	11.07	10.16	7.14	
Jamestown, N. Y.								
Purina Pig Chow Feed	G.	20.00	3.20	52.00	....	....	8.00	Hominy feed, molasses, corn meal, corn germ meal, tankage linseed meal, alfalfa flour, wheat middlings, charcoal, 1% salt.
Ralston Purina Co., Inc.	F.	21.46	4.03	54.96	8.61	10.94	6.26	
St. Louis, Mo.								
Wirthmore Hog Feed	G.	17.00	4.50	50.00	....	....	7.00	Tankage, beef scraps, wheat middlings not exceeding mill run of screenings, hominy meal, corn meal, linseed meal, wheat red dog flour, barley, corn gluten feed, calcium carbonate, salt.
St. Albans Grain Co.	F.	21.49	5.72	54.68	7.94	10.17	6.86	
St. Albans, Vt.								
Wirthmore Pig Feed	G.	17.00	4.00	50.00	....	....	9.00	Tankage, beef scraps, bone meal, wheat middlings, wheat bran not exceeding mill run screenings, linseed meal, alfalfa, hominy meal, corn meal, barley, corn gluten feed, calcium carbonate, salt.
St. Albans Grain Co.	F.	17.67	5.64	54.89	11.31	10.49	7.24	
St. Albans, Vt.								

HOMINY FEED								
Hominy Feed	G.	10.00	5.00	....	....	....	8.00	
Aunt Jemima Mills Co. St. Joseph, Mo.	F.	10.93	5.93	70.15	2.90	10.09	....	
Homco Hominy Feed	G.	10.00	7.00	....	....	....	6.00	White corn
Decatur Milling Co. Decatur, Ill.	F.	10.00	8.01	69.69	2.56	9.74	....	
Emco Hominy Feed	G.	10.00	7.00	55.00	....	....	6.00	
Evans Milling Co. Indianapolis, Ind.	F.	11.38	7.16	68.43	3.23	9.80	....	
B. C. White Hominy Feed	G.	10.00	6.00	55.00	....	....	5.00	White corn
Kellogg Co. Battle Creek, Mich.	F.	10.00	5.55	72.11	2.06	10.28	....	
Hominy Feed	G.	10.00	5.00	60.00	....	....	5.00	
Patent Cereals Co. Geneva, N. Y.	F.	10.37	6.32	69.35	2.68	11.28	....	
Burt's Hominy Feed	G.	10.00	6.00	60.00	....	....	5.00	
Postum Cereal Co., Inc. Battle Creek, Mich.	F.	10.10	5.71	70.87	2.24	11.08	....	
Paragon Hominy Feed	G.	10.00	6.00	60.00	....	....	7.00	White corn
St. Albans Grain Co. St. Albans, Vt.	F.	10.24	6.29	69.67	3.18	10.62	....	
White Hominy Feed	G.	9.50	5.50	....	....	....	7.50	
David Stott Flour Mills, Inc. Detroit, Mich.	F.	9.33	5.76	70.90	2.12	11.89	....	
Gold Medal Hominy Feed	G.	10.00	5.00	68.00	....	....	6.00	
Washburn-Crosby Co. Minneapolis, Minn.	F.	9.26	4.64	72.77	1.80	11.53	....	
HORSE FEED								
Co-Pro-Co Horse and Mule Feed	G.	9.00	2.50	60.00	....	....	12.00	Corn, oats, molasses, alfalfa, salt.
Corn Products Refining Co. New York City	F.	9.39	2.59	71.18	4.43	12.41	10.26	

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Steam Cooked Horse Feed	G.	9.50	4.00	50.00	....	....	4.00	Corn, oats.
J. Cushing Co. Fitchburg, Mass.	F.	10.22	3.93	73.82	2.11	9.92	4.78	
Eshelman's Thoroughbred Horse Feed	G.	9.50	4.00	50.00	....	....	4.00	Corn, oats.
John W. Eshelman and Sons Lancaster, Pa.	F.	10.61	4.12	73.39	2.06	9.82	4.00	
Servus Horse Feed	G.	12.00	4.00	....	....	....	12.00	Crushed oats, brewers' dried grains, wheat bran may contain mill run of screenings, oat middlings, oat hulls, oat shorts, corn meal, linseed oil meal, calcium carbonate, salt.
Thomas Bros. Feed Co. Attica, N. Y.	F.	14.37	4.24	64.12	7.29	9.98	9.16	
LINSEED MEAL.								
Alinco Old Process Linseed Meal	G.	34.00	5.00	45.00	....	....	8.00	
American Linseed Co. Buffalo, N. Y.	F.	34.44	6.51	43.97	5.14	9.94	....	
Amco Old Process Linseed Meal and Screenings Oil Feed	G.	30.00	5.00	30.00	....	....	10.00	
American Milling Co. Peoria, Ill.	F.	30.00	7.21	47.49	5.18	10.12	....	
Pure Old Process Linseed Meal	G.	34.00	6.00	45.00	....	....	8.00	
Archer-Daniels Midland Co. Minneapolis, Minn.	F.	36.23	6.04	43.84	5.06	8.83	....	
Pure Oil Cake Meal, Old Process	G.	33.00	6.00	....	....	....	7.50	
Dominion Linseed Oil Co., Ltd. St. Boniface, Mont.	F.	37.80	6.00	40.70	4.93	10.57	....	
Pure Oil Meal	G.	34.00	4.00	37.00	....	....	9.00	
Kellogg and Miller Amsterdam, N. Y.	F.	34.81	6.14	44.26	5.41	9.38	....	

Pure Oil Meal	G.	37.00	7.00	....	....	....	9.00	
Kelloggs and Miller	F.	32.03	6.58	45.36	5.77	10.26	....	
Amsterdam, N. Y.								
Linseed Meal, Pure Old Process	G.	34.00	6.00	35.00	....	....	10.00	
Mann Bros. Co.	F.	33.54	6.75	43.84	4.77	11.10	....	
Buffalo, N. Y.								
Kelloggs Pure Old Process Linseed Meal	G.	34.00	5.00	45.00	....	....	10.00	
Spencer Kellogg and Sons, Inc.	F.	35.03	5.86	44.65	4.78	9.68	....	
Buffalo, N. Y.								
MEAT AND BONE								
Capital Meat and Bone Scraps	G.	45.00	6.00	....	....	....	5.00	Meat and bone scraps.
American Agricultural Chemical Co.	F.	44.69	9.12	....	36.38	6.49	....	
New York City								
Protox Meat and Bone Scraps	G.	55.00	6.00	....	....	....	5.00	Meat and bone scraps.
American Agricultural Chemical Co.	F.	53.72	9.87	....	26.55	6.71	....	
New York City								
Star Brand Pure Ground Beef Scraps	G.	35.00	10.00	....	....	....	....	
Beach Soap Co.	F.	41.82	13.11	....	34.07	5.53	....	
Lawrence, Mass.								
Burlington Poultry Feed	G.	45.00	12.00	....	....	....	....	Meat and bone scraps.
Burlington Rendering Co.	F.	46.44	12.00	....	33.76	6.25	....	
Burlington, Vt.								
Dow's 55% Beef Scraps	G.	55.00	10.00	....	....	....	....	Meat scraps.
John C. Dow Co.	F.	55.14	12.34	....	24.63	7.32	....	
Boston, Mass.								
Dow's 60% Beef Scraps	G.	60.00	10.00	....	....	....	....	Meat scraps.
John C. Dow Co.	F.	59.22	13.00	....	15.76	8.09	....	
Boston, Mass.								
Dow's Ground Beef Scraps	G.	45.00	12.00	....	....	....	....	Meat scraps.
John C. Dow Co.		47.70	14.47	....	25.13	6.74	....	
Boston, Mass.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Greene's Poultry Food	G.	35.00	5.00	....	....	....	....	Meat and bone scraps.
Greene Chick Feed Co.	F.	33.85	8.54	....	42.49	4.31	....	
Marblehead, Mass.								
Meat and Bone Scraps	G.	45.00	12.00	....	....	....	....	
W. D. Higgins Co.	F.	48.49	14.26	....	27.86	6.82	....	
Framingham, Mass.								
Hinckley Poultry Feed	G.	40.00	8.00	....	....	....	....	
Hinckley Rendering Co.	F.	42.50	8.83	....	37.89	6.46	....	
Somerville, Mass.								
Peerless Poultry Feed	G.	45.00	8.00	....	....	....	....	
Lowell Rendering Co.	F.	48.96	10.76	....	29.70	5.96	....	
Lowell, Mass.								
Perfection Poultry Feed	G.	55.00	8.00	....	....	....	....	Meat and bone scraps, animal products.
Lowell Rendering Co.	F.	56.27	8.74	....	24.58	7.18	....	
Lowell, Mass.								
Manchester Poultry Feed	G.	45.00	8.00	....	....	....	....	Meat and bone scraps.
Manchester Rendering Co.	F.	49.54	11.75	....	29.53	5.64	....	
Manchester, N. H.								
Manchester Special Poultry Feed	G.	50.00	8.00	....	....	....	....	Meat and bone scraps.
Manchester Rendering Co.	F.	45.71	9.89	....	35.71	7.15	....	
Manchester, N. H.								
Marsh's Diamond Special Pure Ground Scraps	G.	50.00	10.00	....	....	....	....	Meat and bone scraps.
George E. Marsh Co.	F.	52.67	13.81	....	24.71	6.17	....	
Lynn, Mass.								
Marsh's Pure Ground Scraps for Poultry.	G.	40.00	8.00	....	....	....	....	Meat and bone scraps.
George E. Marsh Co.	F.	39.74	14.99	....	35.42	5.77	....	
Lynn, Mass.								

Blue Seal Meat Scraps	G.	50.00	5.00	....	....	....	....	
New England By-Products Corp. Lawrence, Mass.	F.	47.79	10.83	....	30.67	8.15	....	
Gold Seal Meat Scraps	G.	60.00	5.00	....	....	....	....	
New England By-Products Corp. Lawrence, Mass.	F.	55.29	12.09	....	19.72	6.12	....	
Norton's High Grade Meat and Bone Poultry Food	G.	45.00	8.00	....	....	....	....	
Norton Tallow Co. Somerville, Mass.	F.	42.75	12.32	....	33.62	6.30	....	
Ground Meat Scraps	G.	50.00	25.00	....	....	....	....	
Carroll S. Page, Inc. Hyde Park, Vt.	F.	40.11	15.25	....	34.36	4.36	....	
Portland Poultry Feed	G.	50.00	12.00	....	....	....	....	Meat and bone scraps, animal products.
Portland Rendering Co. Portland, Me.	F.	41.64	10.98	....	36.56	6.26	....	
Rauh's Meato	G.	75.00	10.00	....	....	....	....	
E. Rauh and Sons Animal Feed Co. Indianapolis, Ind.	F.	75.44	10.86	....	7.24	6.32	....	
Reardon's Meat Scrap	G.	45.00	6.00	....	....	....	....	
John Reardon and Sons Co. Cambridge, Mass.	F.	47.26	10.37	....	32.89	5.64	....	
Reardon's Meat Scraps	G.	55.00	6.00	....	....	....	....	
John Reardon and Sons Co. Cambridge, Mass.	F.	55.76	8.93	....	25.60	6.01	....	
Springfield Poultry Feed	G.	50.00	12.00	....	....	....	....	Meat and bone scraps, animal products.
Springfield Rendering Co. Springfield, Mass.	F.	50.24	8.41	....	31.81	6.82	....	
Pure Ground Fish Meal	G.	55.00	4.00	....	....	....	....	
Chas. M. Struven and Co. Baltimore, Md.	F.	56.06	12.37	....	18.96	8.53	....	

Brand and name and address of manufacturer.	Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
OAT FEED								
Oat Middlings	G.	12.00	5.00	....	....	....	3.00	
Hecker-H-O Co., Inc. Buffalo, N. Y.	F.	10.33	6.32	72.00	1.10	10.25	0.97	
Reground Oat Feed	G.	4.00	2.00	....	....	....	28.00	Oat middlings, oat shorts, oat hulls.
Hecker-H-O Co., Inc. Buffalo, N. Y.	F.	6.94	3.11	75.16	6.39	8.40	....	
Rock River Fine Feeding Meal	G.	15.00	5.50	71.00	....	....	5.00	Oat meal.
Quaker Oats Co. Chicago, Ill.	F.	15.54	6.26	68.02	2.17	8.01	....	
Vim Feed	G.	5.00	2.00	75.00	....	....	28.00	Oat meal mill by-products, oat middlings, oat hulls, oat shorts.
Quaker Oats Co. Chicago, Ill.	F.	5.89	2.08	77.67	6.52	7.34	27.96	
Carno Feeding Oat Meal	G.	14.00	5.00	60.00	....	....	3.90	
Three Minute Cereals Co. Cedar Rapids, Iowa	F.	13.52	6.26	69.02	1.76	9.44	....	
POULTRY FEED								
Beacon Egg Mash	G.	22.00	4.50	....	....	....	7.00	Powdered buttermilk, meat scraps, bone meal, fish meal, corn gluten meal, barley, oats, corn meal, wheat bran, wheat middlings, 1% calcium carbonate, ½% salt, 1% protozyme.
Beacon Milling Co., Inc. Cayuga, N. Y.	F.	21.48	5.41	52.97	10.22	9.92	6.93	
Brown's Poultry Mash	G.	18.00	4.00	50.00	....	....	5.00	Wheat bran with screenings not exceeding mill run, corn meal, gluten, beef scraps, red dog flour, wheat middlings, oats, 1% salt.
J. F. Brown and Son Epping, N. H.	F.	21.42	5.40	55.70	6.56	10.92	5.67	

Green Mountain Laying Mash	G.	19.00	4.00	48.00	....	....	9.00	Corn meal, wheat middlings, cottonseed meal, gluten feed, linseed meal, oats, alfalfa, meat and fish scraps, charcoal, salt.
Caledonia Mills, Inc.	F.	20.21	4.87	55.53	8.77	10.62	9.00	
St. Johnsbury, Vt.								
Calef's Poultry Mash	G.	18.00	4.00	50.00	....	....	5.00	Wheat bran with screenings not exceeding mill run, corn meal, gluten, beef scraps, red dog middlings, oats, 1% salt.
A. L. Calef	F.	20.05	5.83	55.52	8.78	9.82	5.00	
Barrington, N. H.								
Conkey's Grain and Bone Starting Feed	G.	14.00	3.00	60.00	....	....	4.00	Oat meal, wheat middlings, corn meal, corn feed meal, buttermilk, bone, blood flour.
G. E. Conkey Co.	F.	14.12	5.21	65.50	3.93	11.24	3.89	
Cleveland, Ohio								
Coweco Dry Mash	G.	20.00	4.00	45.00	....	....	8.50	Buttermilk, wheat bran, oats, barley, gluten feed, linseed meal, meat scraps, wheat middlings, fish scraps, corn meal, salt, calcium carbonate.
E. A. Cowee Co.	F.	22.94	5.80	49.11	11.75	10.40	6.85	
Fitchburg, Mass.								
Cushing's Baby Chick Starter	G.	10.00	4.00	65.00	....	....	5.00	Oat meal, corn meal, wheat feed, wheat middlings, powdered buttermilk, bone meal, old process linseed meal.
J. Cushing Co.	F.	15.89	5.55	65.78	3.52	9.26	5.00	
Fitchburg, Mass.								
Laying Mash	G.	20.00	5.00	45.00	....	....	7.00	Dried buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oats, barley, hominy feed, old process oil meal, alfalfa meal, ½% salt.
J. Cushing Co.	F.	20.98	6.29	54.38	7.81	10.54	5.52	
Fitchburg, Mass.								
Wood's Poultry Mash	G.	18.00	4.00	50.00	....	....	5.00	Wheat bran with screenings not exceeding mill run, corn meal, gluten meal, beef scraps, red dog middlings, oats, 1% salt.
Derry Farmers' Exchange	F.	21.94	5.73	54.82	7.32	10.19	5.00	
Derry, N. H.								
Eastern's La-In Egg Mash	G.	20.00	5.00	45.00	....	....	7.00	Dried buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oats, barley, hominy feed, old process oil meal, alfalfa meal, ½% salt.
Eastern Grain Co.	F.	21.30	6.23	53.63	7.18	11.66	6.91	
Portland, Me.								
Eastern States Egg Mash	G.	20.00	3.50	50.00	....	....	7.00	Wheat flour middlings, corn gluten feed, oats, yellow corn meal, wheat bran, meat scraps.
Eastern States Farmers' Exchange	F.	22.24	5.52	54.01	6.66	11.57	6.54	
Springfield, Mass.								
Eshelman's Laying Mash	G.	20.00	5.00	45.00	....	....	7.00	Dried buttermilk, meat and fish scraps, wheat middlings, cron feed meal, wheat bran, corn gluten feed, oats, barley, hominy feed, 2% old process oil meal, 1% alfalfa meal, ½% salt.
John W. Eshelman and Sons	F.	21.17	6.53	53.91	7.98	10.11	5.46	
Lancaster, Pa.								

Brand and name and address of manufacturer.		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Grandin's Baby Chick Starter	G.	12.00	4.00	60.00	....	....	5.00	Dried buttermilk, oats, wheat, corn meal, hominy feed, wheat middlings, calcium carbonate, bone meal.
D. H. Grandin Milling Co. Jamestown, N. Y.	F.	14.72	5.73	64.17	5.10	10.28	3.61	
Grandin's Laying Mash with Buttermilk	G.	20.00	4.00	50.00	....	....	8.00	Ground fish, ground meat and bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, ground scratch feed screenings, barley, kafir corn, milo maize, buckwheat, powdered buttermilk, alfalfa meal, calcium carbonate, salt, wheat bran and wheat middlings may contain ground screenings not exceeding mill run.
D. H. Grandin Milling Co. Jamestown, N. Y.	F.	20.95	5.04	52.02	12.06	9.93	6.21	
Greene's Poultry Mash	G.	12.00	5.00	40.00	....	....	8.00	Hominy feed, oat feed, corn meal, meat and bone scraps, grain screenings, wheat middlings, salt.
Greene Chick Feed Co. Marblehead, Mass.	F.	13.62	4.80	54.43	15.31	11.84	9.19	
Red Comb Egg Mash	G.	20.00	4.50	45.00	....	....	7.00	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, dried buttermilk, 5% calcium carbonate.
Hales and Hunter Co. Chicago, Ill.	F.	20.16	4.96	55.58	10.34	8.96	7.00	
Haines Poultry Mash	G.	18.00	4.00	50.00	....	....	5.00	Wheat bran with screenings not exceeding mill run, corn meal, gluten meal, beef scraps, red dog middlings, oats, 1% salt.
E. C. and W. L. Hopkins Greenfield, N. H.	F.	22.21	6.03	54.46	7.02	10.28	5.00	
Kasco Mash	G.	20.00	4.00	50.00	....	....	8.50	Wheat bran, wheat middlings, wheat red dog flour, corn meal, linseed oil meal, corn gluten feed, oats, meat and bone scraps, fish meal, dried buttermilk, ¾% salt, alfalfa meal.
Kasco Mills, Inc. Waverly, N. Y.	F.	22.60	5.78	54.53	5.91	11.18	8.21	

Larro Egg Mash	G.	19.00	5.00	52.00	....	....	8.00	Oat meal, wheat middlings, yellow hominy feed, meat scraps, wheat bran, dried buttermilk, alfalfa meal, bone meal, 3¼% salt, ¾% calcium carbonate.
Larrowe Milling Co.	F.	20.32	5.44	53.74	11.36	9.14	6.89	
Detroit, Mich.								
Poultry Mash	G.	18.00	2.50	60.00	....	....	7.00	Corn meal, alfalfa meal, oats, oil meal, gluten meal, wheat bran, wheat middlings, bone meal, beef scraps, fish meal, dried buttermilk.
McQuesten and Lewis	F.	22.40	4.20	54.38	8.93	10.09	7.00	
Manchester, N. H.								
Armour's Cak Cak Growing Mash	G.	18.00	4.00	50.00	....	....	6.00	Dried buttermilk, oat meal, meat scraps, corn gluten feed, wheat middlings, corn meal, wheat bran, linseed meal, hominy feed, bone meal, 1% carbonate of lime, ½% salt.
Mapl-Flake Mills, Inc.	F.	18.54	6.09	58.41	7.23	9.73	5.96	
Chicago, Ill.								
Bull Brand Laying Mash	G.	20.00	5.00	....	....	....	8.00	Dried buttermilk, old process linseed oil meal, wheat bran, wheat middlings, corn gluten feed, hominy feed, corn meal, oat middlings, alfalfa meal, meat scraps, bone meal, fish meal, calcium carbonate, ½% salt, wheat bran and wheat middlings may contain mill run ground screenings.
Maritime Milling Co., Inc.	F.	21.34	6.32	52.06	9.97	10.31	6.86	
Buffalo, N. Y.								
Farr Mash	G.	18.00	4.00	50.00	....	....	8.00	Wheat middlings, wheat bran, mill run of screenings corn meal, meat scraps, oats, alfalfa, charcoal, ¾% salt, 3% carbonate of lime.
Merrimack Farmers' Exchange, Inc.	F.	19.86	5.33	49.53	15.04	10.24	8.66	
Concord, N. H.								
Merrimack Egg Mash	G.	21.00	5.00	50.00	....	....	5.00	Corn meal, oats, wheat bran, white wheat middlings, corn gluten feed, meat scraps, 1% salt.
Merrimack Farmers' Exchange, Inc.	F.	21.56	5.57	53.43	9.18	10.26	5.00	
Concord, N. H.								
Merrimack Growing Mash	G.	20.00	5.00	50.00	....	....	6.00	Corn meal, oat meal, wheat bran, white wheat middlings, corn gluten feed, meat scraps.
Merrimack Farmers' Exchange, Inc.	F.	19.38	5.00	58.89	6.60	10.13	5.23	
Concord, N. H.								
Merrimack Special Egg Mash	G.	20.00	5.00	50.00	....	....	6.00	Corn meal, oats, wheat bran, white wheat middlings, corn gluten feed, meat scraps.
Merrimack Farmers' Exchange, Inc.	F.	21.36	5.38	53.50	9.89	9.87	6.00	
Concord, N. H.								
Riverside Mash	G.	17.00	5.00	50.00	....	....	6.00	Corn meal, wheat bran, wheat middlings, may contain mill run of screenings, oat groats, meat scraps, bone meal, dried buttermilk, 1% salt.
Merrimack Farmers' Exchange, Inc.	F.	17.76	4.84	57.11	9.38	10.61	3.23	
Concord, N. H.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Bonnie Booster	G.	12.00	3.00	60.00	....	....	3.00	Alfalfa, corn, wheat, barley, oats, fish meat and bone meal, wheat bran, wheat middlings, rice, calcium carbonate, salt, dried buttermilk.
Park and Pollard Co. Boston, Mass.	F.	14.30	3.59	64.20	5.98	11.93	4.26	
Growing Feed	G.	14.00	1.50	58.00	....	....	8.00	Corn, wheat, oats, alfalfa, barley, meat and bone meal, wheat bran wih mill run of screenings, wheat middlings, calcium carbonate, salt, dried buttermilk.
Park and Pollard Co. Boston, Mass.	F.	14.83	3.90	60.68	10.20	10.39	5.09	
Lay or Bust Dry Mash	G.	18.00	1.50	40.00	....	....	12.00	Corn, wheat, oats, barley, kafir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt, dried buttermilk.
Park and Pollard Co. Boston, Mass.	F.	16.39	3.71	59.80	8.92	11.18	9.71	
Leghorn Special Dry Mash	G.	21.00	1.50	40.00	....	....	10.00	Corn, wheat, barley, oats, kafir corn, buckwheat, wheat bran with mill run screenings, wheat middlings, alfalfa, fish, meat, bone, calcium carbonate, salt, dried buttermilk.
Park and Pollard Co. Boston, Mass.	F.	21.39	4.50	52.67	10.12	11.32	6.39	
Ful-O-Pep Chick Starter	G.	15.00	5.00	....	....	....	6.00	Oat meal, hominy feed, yellow hominy feed, corn gluten feed, wheat bran, wheat middlings, ground wheat screenings not exceeding mill run, bone meal, fish meal, ground puffed wheat, alfalfa meal, cod liver oil, 2% calcium carbonate, ½% salt, cod liver meal.
Quaker Oats Co. Chicago, Ill.	F.	17.82	6.59	56.02	11.64	7.93	6.00	
Ful-O-Pep Egg Mash	G.	20.00	4.00	53.00	....	....	8.00	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, linseed meal, wheat bran, wheat middlings, ground screenings not exceeding mill run, bone meal, fish meal, cod liver meal, meat scraps, alfalfa meal, 2% calcium carbonate, ¾% salt.
Quaker Oats Co. Chicago, Ill.	F.	20.25	5.46	53.86	11.37	9.06	7.06	

Ful-O-Pep Growing Mash	G.	19.00	5.00	53.00	....	....	6.00	Hominy feed, yellow hominy feed, corn
Quaker Oats Co.	F.	17.71	5.78	59.75	8.39	8.37	6.18	gluten feed, wheat bran, wheat middlings,
Chicago, Ill.								mill run screenings, oat meal, fish meal, bone meal, meat scraps, ground puffed wheat, alfalfa meal, 2% calcium carbonate, ¾% salt, cod liver meal.
Poultry Mash Oat Meal	G.	16.00	6.00	66.00	....	....	....	Oat groats.
Quaker Oats Co.	F.	16.27	7.09	65.82	2.21	8.61	...	
Chicago, Ill.								
Purina Chicken Chowder Feed	G.	19.00	4.00	55.00	....	....	9.00	Wheat middlings, wheat bran, gluten
Ralston Purina Co., Inc.	F.	19.16	4.84	57.65	7.78	10.57	8.62	feed, corn meal, alfalfa flour, linseed flour,
St. Louis, Mo.								granulated meat, 1% charcoal.
Purina Chicken Fat Chow Feed	G.	15.50	4.60	60.00	....	....	4.50	Dried buttermilk, rolled oats, ground
Ralston Purina Co., Inc.	F.	14.96	4.71	65.71	4.59	10.00	3.86	oats, corn, kafir meal, barley meal, corn
St. Louis, Mo.								germ meal, wheat flour, linseed flour, bone meal, ½% salt.
Purina Chicken Fatena Feed	G.	12.00	4.60	65.00	....	....	6.60	Rolled oats, ground corn, kafir meal, bar-
Ralston Purina Co., Inc.	F.	12.28	4.60	69.11	3.43	10.58	4.56	ley meal, corn germ meal, linseed flour,
St. Louis, Mo.								ground oats, bone meal, ½% salt.
Purina Chick Startena Feed	G.	17.00	4.00	52.00	....	....	7.50	Dried buttermilk, oat meal, alfalfa flour,
Ralston Purina Co., Inc.	F.	17.00	5.48	59.87	7.78	9.87	7.17	corn meal, wheat bran, linseed flour, wheat
St. Louis, Mo.								middlings, granulated meat, ½% charcoal, ½% salt.
Advance Egg Mash	G.	18.00	4.00	48.00	....	....	8.00	Buttermilk, meat scraps, bone meal, oat
Rosenbaum Brothers	F.	18.47	6.60	55.51	10.23	10.09	6.92	meal, calcium carbonate, salt, wheat mid-
Chicago, Ill.								dlings, ground screenings, ground corn, corn feed meal.
Vitality Egg Mash	G.	20.00	4.00	48.00	....	....	8.00	Buttermilk, oat meal, meat scraps, bone
Rosenbaum Brothers	F.	20.23	5.71	54.37	9.88	9.78	6.36	meal, corn feed meal, wheat middlings,
Chicago, Ill.								alfalfa meal, corn germ meal.
Wirthmore Buttermilk Baby Chick Food	G.	13.50	5.00	60.00	....	....	5.00	Dried buttermilk, hulled oats, bone meal,
St. Albans Grain Co.	F.	15.09	6.68	59.05	7.10	12.08	3.89	wheat, wheat middlings, yellow corn meal,
St. Albans, Vt.								wheat bran, beef scraps, calcium carbonate, dairy salt.

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
Wirthmore Buttermilk Mash Feed St. Albans Grain Co. St. Albans, Vt.	G.	20.00	4.00	50.00	....	....	7.00	Dried buttermilk, oats, barley, buckwheat, corn, wheat bran, wheat middlings, corn gluten feed, beef scraps, fish meal, linseed meal, calcium carbonate, dairy salt.
	F.	22.16	6.01	53.24	8.77	9.82	6.16	
Wirthmore Growing Feed St. Albans Grain Co. St. Albans, Vt.	G.	15.00	4.50	50.00	....	....	4.50	Dried buttermilk, bone meal, wheat, corn, oats, barley, peas, milo maize, wheat bran, wheat middlings, wheat red dog flour, beef scraps, calcium carbonate, dairy salt.
	F.	16.35	5.23	61.04	6.42	10.96	4.50	
Strafford County Mash Strafford County Grain Mill Rochester, N. H.	G.	17.00	5.00	60.00	....	....	10.00	Bran, middlings, oats, corn meal, gluten, meat scraps, rolled oats.
	F.	19.57	5.48	57.54	6.73	10.68	6.19	
Egg Mash Ubiko Milling Co. Cincinnati, Ohio	G.	20.00	4.00	....	....	....	6.00	Meat scraps, bone meal, corn meal, wheat bran, white wheat middlings, whole ground oats, corn gluten feed, old process linseed meal, dried buttermilk, ½% salt.
	F.	20.69	4.52	53.17	10.94	10.68	5.89	
Blue Seal Dry Mash with Meato I. K. Webster Co. Lawrence, Mass.	G.	20.00	4.00	55.00	....	....	8.00	Meat, oats, wheat feed, corn meal, gluten feed, calcium carbonate, ½% salt.
	F.	20.46	5.11	59.25	5.14	10.04	7.12	
Rockingham Dry Mash Co. I. K. Webster Co. Lawrence, Mass.	G.	21.00	5.00	41.00	....	....	6.00	Gluten feed, red dog flour, oat meal, bran, yellow meal, meat scraps.
	F.	19.29	5.16	57.48	7.79	10.28	5.32	
University Laying Mash I. K. Webster Co. Lawrence, Mass.	G.	20.00	3.50	50.00	....	....	7.00	Wheat flour middlings, gluten feed, oats, corn meal, wheat bran, meat scraps.
	F.	24.21	6.22	51.71	8.46	9.40	7.00	
WHEAT BRAN.								
Bran Ansted and Burk Co. Springfield, Ohio	G.	15.25	4.00	55.25	....	....	9.50	Wheat bran with ground screenings not exceeding mill run.
	F.	14.94	4.07	62.83	5.64	12.52	....	

Atkinson's Wheat Bran	G.	14.00	4.00	....	....	....	12.00	Ground screenings not exceeding mill run.
Atkinson Milling Co.	F.	14.43	5.02	60.67	5.74	14.14	....	
Minneapolis, Minn.								
Big Diamond Wheat Bran	G.	14.50	5.00	62.00	....	....	10.90	Ground screenings not exceeding mill run.
Big Diamond Mills Co.	F.	14.17	5.46	62.09	6.00	12.28	....	
Minneapolis, Minn.								
Commander Wheat Bran	G.	14.50	5.00	62.00	....	....	10.90	Ground screenings not exceeding mill run.
Commander Mill Co.	F.	13.44	5.29	63.65	6.43	11.19	....	
Minneapolis, Minn.								
Copeland's Dandy Bran	G.	15.00	3.50	....	....	....	11.50	
Copeland Flour Mills, Ltd.	F.	14.72	4.83	61.81	4.92	13.72	....	
Midland, Canada.								
Wheat Bran	G.	15.00	3.50	....	....	....	11.50	
Dominion Flour Mills, Ltd.	F.	14.70	5.79	61.79	5.07	12.65	....	
Montreal, Canada								
Eagle Wheat Bran	G.	14.00	4.00	....	....	....	12.00	Wheat bran with ground screenings not
Eagle Roller Mill Co.	F.	14.43	5.30	63.60	6.06	10.61	....	exceeding mill run.
New Ulm, Minn.								
Lucky Bran	G.	14.50	3.50	50.50	....	....	12.00	Ground screenings not exceeding mill run,
Federal Mill and Elevator Co., Inc.	F.	14.17	5.29	63.03	5.74	11.77	....	hard wheat.
Lockport, N. Y.								
Lucky Hard Wheat Bran	G.	14.00	4.00	50.00	....	....	11.00	Ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc.	F.	14.63	5.25	61.11	6.37	12.64	....	
Lockport, N. Y.								
Wheat Bran	G.	15.00	3.50	....	....	....	11.50	
James Goldie Co., Ltd.	F.	15.24	5.41	62.04	5.24	12.07	....	
Guelph, Canada								
Choice Wheat Bran	G.	13.50	3.50	48.50	....	....	14.00	Ground screenings not exceeding mill run.
Hecker-Jones-Jewell Milling Co.	F.	14.65	5.48	61.24	5.93	12.70	....	
Buffalo, N. Y.								
Blackhawk Pure Wheat Bran	G.	15.00	3.50	....	....	....	11.50	
Robin Hood Mills, Ltd.	F.	16.36	5.30	61.14	5.04	12.16	....	
Moosejaw, Canada								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
Sweet Cream Pure Wheat Bran W. J. Jennison Co. Minneapolis, Minn.	G. F.	14.50 13.38	4.50 5.61	.... 63.29	.... 6.16	.... 11.56	11.50	
Lakewoods Wheat Bran Lake of the Woods Milling Co. Montreal, Canada	G. F.	15.00 13.97	3.50 3.52	48.00 65.08	.... 5.57	.... 11.86	11.50	
Wasco Bran Lyon and Greenleaf Wauseon, Ohio	G. F.	14.50 15.53	4.00 3.78	.... 61.89	.... 5.96	.... 12.84	9.50	Soft winter wheat with ground screenings not exceeding mill run.
Wheat Bran Maple Leaf Milling Co., Ltd. Toronto, Canada	G. F.	15.00 13.84	3.50 5.19	49.00 63.97	.... 5.74	.... 11.26	11.50	
Clover Leaf Pure Wheat Bran King Midas Mill Co. Minneapolis, Minn.	G. F.	14.50 14.52	3.50 5.51	.... 62.11	.... 6.14	.... 11.72	12.00 ...	
Pure Wheat Bran National Milling Co. Toledo, Ohio	G. F.	14.00 14.80	3.00 4.96	49.00 61.32	.... 5.46	.... 13.46	10.00	
Pure Wheat Bran Northwestern Consolidated Milling Co. Minneapolis, Minn.	G. F.	13.00 15.33	4.00 5.53	.... 59.49	.... 6.27	.... 13.38	12.00	Wheat bran.
Wheat Bran Northwestern Consolidated Milling Co. Minneapolis, Minn.	G. F.	14.00 14.63	4.50 5.37	50.00 61.41	.... 5.90	.... 12.69	11.00	Ground screenings not exceeding mill run.
Ogilvie's Pure Wheat Bran Ogilvie Flour Mills Co., Ltd. Montreal, Canada	G. F.	15.00 14.87	3.50 5.08	53.00 62.22	.... 5.18	.... 12.65	11.50	

Bran	G.	....	....	....	....	....	....	
Pembroke Milling Co., Ltd.	F.	13.77	4.93	63.09	5.46	12.75	....	
Pembroke, Ont.								
Pillsbury's Bran	G.	14.00	4.00	63.00	....	....	12.00	Hard wheat bran, ground cleaned wheat
Pillsbury Flour Mills Co.	F.	15.94	5.09	61.77	5.88	11.32	....	screenings not exceeding mill run.
Minneapolis, Minn.								
Bell Cow Bran	G.	15.00	3.50	57.00	....	....	10.00	Wheat bran, ground screenings not ex
Quaker Oats Co.	F.	14.32	4.69	63.43	4.70	12.86	....	ceeding mill run.
Peterboro, Canada								
Occident Bran	G.	14.00	4.00	....	....	....	11.50	Hard wheat.
Russell-Miller Milling Co.	F.	16.91	5.83	59.38	5.54	12.34	....	
Minneapolis, Minn.								
Dakota Maid Pure Bran	G.	14.00	5.00	....	....	....	13.20	
State Mill and Elevator Co.	F.	14.17	5.62	62.14	5.89	12.18	....	
Grand Forks, N. D.								
Bran	G.	14.00	3.00	45.00	....	....	10.00	Pure wheat with mill run of screenings.
F. W. Stock and Sons	F.	16.81	4.46	61.19	5.26	12.28	....	
Hillsdale, Mich.								
Stratton and Co.'s Fancy Bran	G.	15.00	4.00	64.00	....	....	11.00	Mill run of screenings ground in.
Stratton and Co.	F.	16.03	4.52	61.60	6.09	11.76	....	
Concord, N. H.								
Victor Spring Wheat Bran	G.	16.00	4.00	53.00	....	....	11.00	Ground screenings not exceeding mill run
Victor Flour Mills, Inc.	F.	15.13	5.59	61.75	5.06	12.47	....	
Pittsford, N. Y.								
Gold Medal Hard Wheat Bran	G.	14.00	4.00	....	....	....	12.00	Hard wheat bran, mill run cleaned ground
Washburn-Crosby Co.	F.	15.95	5.52	61.21	4.78	12.54	....	wheat screenings.
Minneapolis, Minn.								
Pioneer Pure Wheat Bran	G.	15.00	3.50	....	....	....	11.50	
Western Canada Flour Mills Co.	F.	15.00	5.46	62.91	5.55	11.08	....	
Winnipeg, Canada								
WHEAT MIDDLINGS.								
Middlings	G.	16.25	4.00	61.50	....	....	5.75	Wheat middlings with ground screenings
Ansted and Burk Co.	F.	17.06	3.72	62.73	4.18	12.31	....	not exceeding mill run.
Springfield, Ohio								

Brand and name and address of manufacturer		Pounds of 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
White Middlings	G.	13.50	3.00	....	....	....	5.50	Red dog flour, wheat middlings, corn bran, corn meal, wheat screenings.
Ansted and Burk Co. Springfield, Ohio	F.	14.94	4.61	65.10	2.82	12.53	....	
Wheat Flour Middlings	G.	16.00	4.00	....	....	....	6.00	Not exceeding mill run of ground screenings.
Baldwin Flour Mills Co. Minneapolis, Minn.	F.	15.62	5.68	63.92	3.35	11.43	....	
Bunker's Fancy Middlings	G.	15.50	4.00	55.00	....	....	7.00	Wheat middlings, red dog flour.
Ralph H. Bunker Dover, N. H.	F.	16.57	5.05	62.64	3.56	12.18	....	
Commander Standard Middlings	G.	15.00	5.00	62.00	....	....	9.50	Ground screenings not exceeding mill run.
Commander Mill Co. Minneapolis, Minn.	F.	13.86	5.78	64.76	4.82	10.78	....	
Eagle Standard Middlings	G.	15.00	4.00	....	....	....	9.50	Wheat standard middlings, ground screenings not exceeding mill run.
Eagle Roller Mill Co. New Ulm, Minn.	F.	15.57	5.38	62.80	4.24	12.01	....	
Dairy Maid Winter Wheat Middlings	G.	14.00	4.00	55.50	....	....	6.50	Ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	15.64	4.50	64.27	3.89	11.70	....	
Lucky Middlings	G.	16.50	4.00	54.00	....	....	7.50	Ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	16.14	5.04	62.73	3.36	12.73	....	
Sphinx Fancy Middlings	G.	15.00	4.50	58.00	....	....	6.50	Hard wheat middlings, second clear wheat flour with ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	15.44	4.84	64.28	2.93	12.51	....	
Wheat Standard Middlings	G.	15.00	4.75	51.00	....	....	9.50	
Hecker-Jones-Jewell Milling Co. Buffalo, N. Y.	F.	16.82	5.99	60.56	4.33	12.30	....	

Blackhawk Standard Middlings	G.	16.00	4.00	52.00	....	....	8.50	Ground screenings not exceeding mill run.
International Milling Co.	F.	15.48	5.93	62.04	4.69	11.86	....	
Minneapolis, Minn.								
Waseo Middlings	G.	16.00	4.00	....	....	....	6.00	Ground screenings not exceeding mill run.
Lyon and Greenleaf	F.	16.53	4.03	61.89	4.37	13.18	....	
Wauseon, Ohio								
Snowball Flour Middling	G.	16.00	4.00	....	....	....	6.00	Wheat standard middlings, ground cleaned wheat screenings not exceeding mill run, red dog wheat flour.
King Midas Mill Co.	F.	16.49	5.74	62.21	3.86	11.70	....	
Minneapolis, Minn.								
Flour Middlings	G.	17.00	3.50	49.00	....	....	6.00	Wheat middlings, wheat flour with ground screenings not exceeding mill run.
National Milling Co.	F.	16.40	3.78	65.05	3.39	11.38	....	
Toledo, Ohio								
Wheat Middlings	G.	17.00	3.50	49.00	....	....	9.00	Ground screenings not exceeding mill run.
National Milling Co.	F.	17.11	4.93	62.29	4.09	11.58	....	
Toledo, Ohio								
Niagara Choice Wheat Middlings	G.	15.50	4.00	....	....	....	9.50	
Niagara Falls Milling Co.	F.	16.09	5.13	62.57	1.35	11.56	....	
Niagara Falls, N. Y.								
Wheat Flour Middlings	G.	15.00	4.00	....	....	....	6.00	Wheat flour middlings, ground wheat screenings not exceeding mill run.
Northwestern Consolidated Milling Co.	F.	16.79	5.72	62.43	3.64	11.42	....	
Minneapolis, Minn.								
Wheat Standard Middling	G.	15.00	4.00	....	....	....	9.50	Wheat standard middlings, ground wheat screenings.
Northwestern Consolidated Milling Co.	F.	15.18	6.53	63.04	1.22	11.03	....	
Minneapolis, Minn.								
Standard Middlings	G.	18.00	6.50	....	....	....	7.00	
Red River Milling Co.	F.	16.62	6.01	60.45	4.58	12.34	....	
Fergus Falls, Minn.								
Standard Middlings, Red Wing Special	G.	15.00	5.10	60.00	....	....	9.50	
Red Wing Milling Co.	F.	16.38	5.67	60.72	4.74	12.49	....	
Red Wing, Minn.								
Dakota Maid Standard Middlings	G.	16.10	5.70	....	....	....	8.10	Hard wheat standard middlings, mill run ground wheat screenings.
State Mill and Elevator Co.	F.	16.10	5.70	61.80	1.00	12.40	....	
Grand Forks, N. D.								

Brand and name and address of manufacturer		Pounds of 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Alta Middlings	G.	15.00	4.50	61.50	....	....	8.50	Mill run of standard middlings.
Russell-Miller Milling Co. Minneapolis, Minn.	F.	17.06	5.56	61.63	4.21	11.54	....	
Wirthmore Middlings	G.	14.00	4.00	50.00	....	....	8.00	Wheat middlings, red dog flour, less than mill run of screenings.
St. Albans Grain Co. St. Albans, Vt.	F.	16.51	4.23	63.67	3.21	12.38	....	
Middlings	G.	16.00	4.00	50.00	....	....	7.00	
F. W. Stock and Sons Hillsdale, Mich.	F.	16.90	4.71	63.72	3.46	11.21	....	
Pennant Wheat Middlings	G.	16.00	4.00	....	....	....	9.00	Brown wheat middlings, ground wheat screenings.
David Stott Flour Mills, Inc. Detroit, Mich.	F.	16.60	5.50	61.89	3.74	12.27	....	
Stott's Fine White Middlings	G.	15.50	3.70	....	....	....	6.50	Wheat middlings.
David Stott Flour Mills, Inc. Detroit, Mich.	F.	15.66	3.98	65.16	3.16	12.04	....	
Stratton and Co.'s Middlings	G.	16.20	4.26	66.00	....	....	6.50	Screenings not exceeding mill run.
Stratton and Co. Concord, N. H.	F.	16.20	4.33	64.13	3.51	11.83	....	
Rowena Wheat Middlings	G.	15.25	4.20	62.00	....	....	5.00	Ground screenings not exceeding mill run.
Valley City Milling Co. Grand Rapids, Mich.	F.	16.38	3.88	63.41	3.72	12.61	....	
Voigt's Middlings	G.	14.50	4.00	52.20	....	....	10.00	Winter wheat with ground screenings not exceeding mill run.
Voigt Milling Co. Grand Rapids, Mich.	F.	17.08	5.23	61.66	3.88	12.15	....	
Gold Medal Standard Middlings	G.	15.00	4.00	....	....	....	9.50	Hard wheat standard middlings, mill run cleaned ground wheat screenings.
Washburn-Crosby Co. Minneapolis, Minn.	F.	15.90	5.64	61.56	4.18	12.72	....	

WHEAT MIXED FEED.								
Mixed Feed	G.	15.50	4.00	60.50	....	....	6.50	Wheat mixed feed with ground screenings not exceeding mill run.
Ansted and Burk Co.	F.	16.59	4.00	62.71	5.27	11.43	....	
Springfield, Ohio								
Bailey Fancy Feed	G.	15.00	3.75	49.00	....	....	10.00	Wheat bran, wheat middlings, ground screenings not exceeding mill run.
E. W. Bailey and Co.	F.	16.70	4.33	62.66	5.27	11.04	....	
Swanton, Vt.								
Capital Mixed Feed	G.	14.00	3.00	60.00	....	....	7.00	Wheat bran and second clear flour.
E. W. Bailey and Co.	F.	15.74	4.97	64.61	3.86	10.82	....	
Swanton, Vt.								
Bunker's Mixed Feed	G.	15.50	4.00	60.00	....	....	8.00	Wheat bran, wheat middlings, wheat feed flour.
Ralph H. Bunker	F.	15.60	4.73	63.67	3.88	12.12	....	
Dover, N. H.								
Brooks' Fancy Mixed Feed	G.	15.00	5.00	....	....	....	8.00	
Caledonia Mills, Inc.	F.	15.97	5.14	62.15	3.97	12.77	....	
St. Johnsbury, Vt.								
Cushing's Mixed Feed	G.	14.50	4.00	45.00	....	....	8.50	Screenings not exceeding mill run.
J. Cushing Co.	F.	14.08	4.75	63.97	4.34	12.86	....	
Fitchburg, Mass.								
Lucky Mixed Feed	G.	15.00	4.00	51.00	....	....	10.00	Hard wheat bran, hard wheat middlings with ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc.	F.	15.22	5.29	62.97	1.67	11.85	....	
Lockport, N. Y.								
Sphinx Fancy Mixed Feed	G.	14.50	4.00	53.00	....	....	8.50	Hard wheat bran, hard wheat middlings, second clear wheat flour, with ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc.	F.	14.98	4.96	63.59	4.19	12.28	....	
Lockport, N. Y.								
Mixed Feed	G.	15.00	4.00	....	....	....	9.00	
Glen Mills Cereal Co.	F.	13.43	3.57	65.33	4.32	13.35	....	
Newburyport, Mass.								
Perfection Improved Wheat Feed	G.	15.50	4.50	61.60	....	....	10.50	
Grafton Roller Mill Co.	F.	14.33	5.02	62.78	4.51	13.36	....	
Grafton, N. D.								
Granite State Mixed Feed	G.	15.00	4.00	55.00	....	....	8.50	Wheat bran, wheat red dog flour with ground screenings not exceeding mill run.
E. C. and W. L. Hopkins	F.	15.74	4.62	64.58	4.84	10.22	....	
Greenfield, N. H.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
LeGrande Mixed Feed	G.	14.00	4.00	....	....	....	7.00	
Londonville Milling Co.	F.	16.82	4.44	61.86	4.79	12.09	....	
Londonville, Ohio								
Wasco Mixed Feed	G.	15.00	4.00	....	....	....	8.00	Ground screenings not exceeding mill run.
Lyon and Greenleaf	F.	16.09	4.08	62.77	5.09	11.97	....	
Wauseon, Ohio								
Merrimack Heavy Wheat Feed	G.	15.00	4.00	55.00	....	....	9.00	Wheat bran, may contain mill run of
Merrimack Farmers' Exchange, Inc.	F.	15.00	4.81	63.55	4.41	12.23	....	screenings, wheat white middlings.
Concord, N. H.								
Big B Mixed Feed	G.	15.00	4.00	52.00	....	....	12.00	Wheat bran, wheat middlings, ground
Moseley and Motley Milling Co.	F.	14.61	5.14	62.83	4.55	12.87	....	screenings not exceeding mill run.
Rochester, N. Y.								
Osota Feed	G.	15.00	4.50	49.00	....	....	10.00	Wheat bran, wheat middlings with ground
National Milling Co.	F.	15.81	4.73	63.53	4.39	11.54	....	screenings not exceeding mill run.
Toledo, Ohio								
Pennant Feed	G.	15.00	3.75	49.00	....	....	8.50	Wheat bran, wheat middlings, wheat flour
National Milling Co.	F.	13.91	5.30	66.07	4.06	10.66	....	with ground screenings not exceeding mill
Toledo, Ohio								run.
Planet Feed	G.	15.00	4.00	....	....	....	8.00	Wheat bran, red dog flour.
Northwestern Consolidated Milling Co.	F.	16.53	5.27	62.02	4.36	11.82	....	
Minneapolis, Minn.								
Papco Mixed Feed	G.	15.10	5.30	....	....	....	9.50	Hard wheat bran, flour middlings, mill
Park and Pollard Co.	F.	14.86	4.95	62.56	4.43	13.20	....	run cleaned ground wheat screenings.
Boston, Mass.								
Pillsbury's Fancy Mixed Feed	F.	15.00	4.00	....	....	....	8.50	Low grade wheat flour, hard wheat bran
Pillsbury Flour Mills Co.	F.	16.22	5.06	63.06	4.32	11.34	....	with ground cleaned wheat screenings not
Minneapolis, Minn.								exceeding mill run.

Occident Mixed Feed	G.	15.00	4.50	....	....	....	9.50	Mill run of bran, middlings, red dog.
Russell-Miller Milling Co.	F.	15.83	6.03	60.44	5.03	12.67	....	
Minneapolis, Minn.								
Wirthmore Wheat Feed	G.	15.00	4.50	50.00	....	....	8.00	Wheat bran, wheat feed flour, mill run of screenings.
St. Albans Grain Co.	F.	14.87	4.75	63.55	4.42	12.41	....	
St. Albans, Vt.								
Monarch Fancy Wheat Feed	G.	16.00	4.00	50.00	....	....	10.00	Mill run screenings.
F. W. Stock and Sons	F.	16.57	3.62	63.25	4.57	11.99	....	
Hillsdale, Mich.								
Superior Wheat Feed and Flour	G.	16.00	4.50	....	....	....	7.00	Mill run screenings.
F. W. Stock and Sons	F.	15.60	4.35	63.63	4.17	12.25	....	
Hillsdale, Mich.								
Columbus Heavy Pure Mixed Feed	G.	15.00	3.70	....	....	....	10.00	Wheat flour, bran, middlings.
David Stott Flour Mills, Inc.	F.	15.33	3.87	64.77	3.76	12.27	....	
Detroit, Mich.								
Stott's Honest Mixed Feed	G.	15.00	4.00	62.00	....	....	8.00	Wheat bran, middlings.
David Stott Flour Mills, Inc.	F.	15.63	4.06	63.85	4.18	11.98	....	
Detroit, Mich.								
Stratton and Co.'s Mixed Feed	G.	15.29	4.30	63.00	....	....	7.13	Screenings not exceeding mill run.
Stratton and Co.	F.	16.00	3.89	62.80	5.25	12.06	....	
Concord, N. H.								
Champion Mixed Feed	G.	15.00	4.00	56.00	....	....	8.00	Ground screenings not exceeding mill run.
Valley City Milling Co	F.	15.08	4.23	64.19	4.43	12.07	....	
Grand Rapids, Mich.								
Gold Medal Mixed Feed	G.	16.00	4.00	....	....	....	7.50	Hard wheat bran, flour middlings, mill run cleaned ground wheat screenings.
Washburn-Crosby Co.	F.	14.28	4.68	64.65	3.91	12.18	....	
Minneapolis, Minn.								
WHEAT RED DOG FLOUR.								
Atlas Red Dog	G.	17.00	5.00	65.00	....	....	3.50	
Atlas Flour Mills	F.	15.53	3.21	66.10	2.69	12.41	....	
Milwaukee, Wis.								
Wheat Red Dog	G.	15.00	4.00	....	....	....	4.00	
Baldwin Flour Mills Co.	F.	14.19	3.19	68.99	1.87	11.76	....	
Minneapolis, Minn.								

Brand and name and address of manufacturer		Pounds of 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
Ivanhoe Low Grade	G.	18.00	4.00	63.00	....	....	4.00	
Empire Milling Co. Minneapolis, Minn.	F.	17.39	5.48	61.96	3.19	11.98	...	
Wheat Red Dog Flour	G.	15.00	4.25	58.50	....	....	4.00	
Hecker-Jones-Jewell Milling Co. Buffalo, N. Y.	F.	14.56	3.84	67.50	2.06	12.04	....	
XXX Comet	G.	16.00	4.00	....	....	....	4.00	Red dog flour.
Northwestern Consolidated Milling Co. Minneapolis, Minn.	F.	16.60	4.99	63.11	2.95	12.35	....	
Pillsbury's XX Daisy	G.	16.00	4.00	58.00	....	....	4.00	Low grade wheat flour.
Pillsbury Flour Mills Co. Minneapolis, Minn.	F.	16.43	4.00	65.40	2.60	11.57	....	
Gold Medal Adrian Red Dog	G.	16.00	4.00	....	....	....	4.00	
Washburn-Crosby Co. Minneapolis, Minn.	F.	16.36	3.57	65.76	2.60	11.71	....	
WHEAT SHORTS.								
Copeland's Dandy Shorts	G.	16.00	5.00	....	....	....	11.50	
Copeland Flour Mills, Ltd. Midland, Canada	F.	17.45	5.23	59.97	3.43	13.92	....	
Wheat Shorts	G.	16.00	5.00	....	....	....	8.00	
Dominion Flour Mills, Ltd. Montreal, Canada	F.	16.88	5.55	61.57	3.96	12.04	....	
Shorts	G.	16.00	5.00	....	....	....	7.18	
Farmers Co-Operative Milling Co. Bowdle, So. Dak.	F.	16.67	5.50	60.46	4.83	12.54	....	

Wheat Shorts	G.	18.00	5.00	....	....	....	8.00	
James Goldie Co., Ltd.	F.	18.23	5.49	59.87	3.82	12.59	....	
Guelph, Canada								
Rex Wheat Shorts	G.	16.00	5.00	52.00	....	....	9.50	Screenings not exceeding mill run.
Maple Leaf Milling Co., Ltd.	F.	16.20	5.16	62.23	3.91	12.50	....	
Toronto, Canada								
Ogilvie's Pure Wheat Shorts	G.	16.00	5.00	54.00	....	....	8.00	
Ogilvie's Flour Mills Co., Ltd.	F.	16.35	5.78	62.16	4.15	11.56	....	
Fort William, Canada								
Shorts	G.	....	....	....	....	....	....	
Pembroke Milling Co.	F.	14.58	5.16	63.85	3.67	12.74	....	
Pembroke, Ont.								
Bell Cow Shorts	G.	16.00	4.00	57.00	....	....	8.00	Wheat shorts with ground screenings not
Quaker Oats Co.	F.	16.75	5.58	61.52	3.64	12.51	....	exceeding mill run.
Peterborough, Canada								
Black-Hawk Wheat Shorts	G.	17.00	4.50	52.00	....	....	9.50	Ground screenings not exceeding mill run.
Robin Hood Mills, Ltd.	F.	17.14	6.38	61.24	3.95	11.29	....	
Moosejaw, Canada								
Pioneer Shorts	G.	16.00	4.50	....	....	....	9.00	
Western Canada Flour Mills Co., Ltd.	F.	17.71	6.00	60.34	3.82	12.13	....	
Winnipeg, Canada